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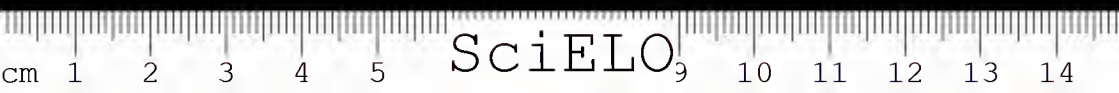
DEPARTAMENTO DE ZOOLOGIA
SECRETARIA DA AGRICULTURA DO ESTADO DE SÃO PAULO

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

DEPARTAMENTO DE ZOOLOGIA
BIBLIOTECA
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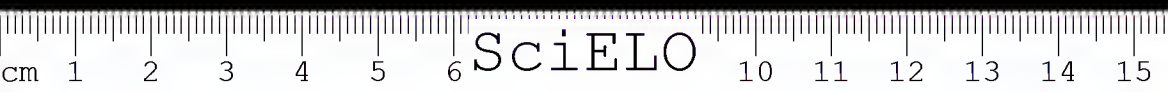
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Catalogue of the diptera of the americas south of united states /



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A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

1

INTRODUCTION

PREFACE

CURTIS W. SABROSKY

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Catalogues of the genera and species of living organisms are vitally essential as guides and reference works to the continually expanding knowledge of the fauna and flora. Nowhere is this more true than in the class Insecta, which includes approximately three-fourths of the known kinds of animals. And in this age of literature explosion, it is urgently necessary that there be adequate catalogues, supplemented or revised at suitable intervals. A complete summary and index to the literature would be desirable, but for many groups their preparation would be an insuperably massive task. In the large orders of insects, even a mere listing of the genera and species is a formidable project that is not lightly undertaken and not easily carried forward to completion.

The order Diptera, comprising the true flies and including those variously called gnats, midges, mosquitoes, etc., includes about one-eighth of the known species of insects in the world as a whole, and approximately one-fifth in the relatively well-studied region of America north of Mexico. The world's tropics are especially rich in species of flies, and the varied fauna of the Neotropical Region may be expected to total much more than that of the Nearctic Region, for which there are 1,971 genera and 16,130 species recognized in the recently completed "A Catalog of the Diptera of America North of Mexico" (Stone *et al.*, 1965).

No comprehensive catalogue of Neotropical Diptera has ever been published. Hunter's "A Catalogue of the Diptera of South America" (two parts, 1900-1901) was incomplete, ending with the Mydaiidae. Townsend's (1892) catalogue of the "Calyprate Muscidae" has covered only a part of the remainder. Catalogues of local areas or countries (e.g., Stuardo, 1946, for Chile) are necessarily limited in scope. The North American catalogues by Osten Sacken (1858, 1878) and Aldrich



(1905) were complete only for the area south to and including Panama, and for the West Indies. For individual families, there are catalogues or monographs of the Neotropical fauna, such as Aezél's catalogue of the "Tylidae" (1949) and John Lane's two-volume monograph of the "Neotropical Culicidae" (1953), but such contributions do not always include all the geographical area specifically covered by the present project. For occasional families or genera — all too few — modern world catalogues cover the Neotropical Region (e.g., "A synoptic catalog of the mosquitoes of the world" by Stone, Knight & Stareke, 1959, and M. R. Wheeler's catalogue of the genus *Drosophila*, 1959). In a few families, world catalogues are to be found in the fascicles of the "Genera Insectorum", but the last on families of Diptera appeared in 1937 (Muscidae) and 1952 (Scatophagidae), and most of the relatively few fascicles on Diptera are now over a half century old. Faunal studies, such as the "Diptera of Patagonia and South Chile" published by the British Museum (Natural History) and the "Biologia Centrali-Americana", may be important contributions for large areas, but they are necessarily limited in scope, and the coverage is often uncertain in extent and depth.

Entomologists will therefore welcome the "Catalogue of the Diptera of the Americas south of the United States" now being initiated by the Departamento de Zoologia, Secretaria da Agricultura, São Paulo. This catalogue, in bringing together for the first time a comprehensive, organized summary of the genera and species of Diptera in the Neotropical Region, will be of inestimable significance and usefulness. Particular appreciation is due to the dipterists of the Departamento for their energy and enthusiasm in planning and carrying out the project, and to the Director of the Departamento, Dr. P. E. Vanzolini, for his interest and support. Authors of individual parts are to be commended for their cooperation in preparing the manuscripts on the separate families.

This catalogue, including as it does the continent south of the U.S.A., the adjacent oceanic islands such as Galapagos, Juan Fernandez and Falklands, and the West Indies, will exactly complement the one for America north of Mexico. The two catalogues necessarily overlap slightly in content because of the arbitrary geographical dividing line. The "Nearctic" one includes Neotropical genera and species that extend their ranges into the southern United States and Bermuda, and the "Neotropical" will include Nearctic taxa that range into Mexico. The formats of the two catalogues are similar, with only minor differences, and concomitant use of the two will be easy and efficient. Together the two catalogues will provide complete modern coverage for the western hemisphere in one of the largest orders of insects and one of outstanding importance in public health, preventive medicine, and agriculture.



FOREWORD

P. E. VANZOLINI

Director

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Museum zoologists have been traditionally concerned with amassing collections, cataloguing faunas, and assembling morphological data, such things for a long time taken as ends in themselves. In the last 25 years, however, the analysis of evolution at work and the interrelationships between ecology, behaviour and systematics have become very much our province, and nowadays even experimental biology has its place among the pinned, stuffed and alcoholic specimens.

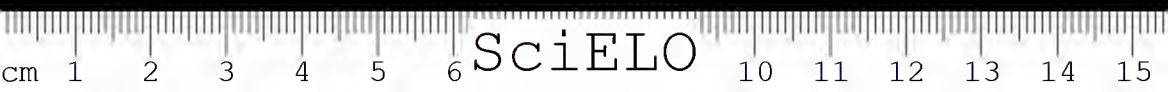
This broadened scope, which affords far more intellectual satisfaction and attracts good minds to the field, at times results into subtraction of effort and time from the traditional tasks, which tend to lose prestige more than deserved by their fundamental importance. This ambivalence is especially acute in developing countries, where the need and desire to do advanced research clashes everyday with the tremendous volume of the materials to be collected, catalogued and described. Thus it becomes a matter of museum policy to search for an equilibrium between the two extremes and to acknowledge and enhance their complementarity.

This Catalogue is meant to be both a significant step in the systematic assessment of the Neotropical Diptera and a basis for further revisionary work, leading to an understanding of the history of the fauna and of the mechanisms operative in its evolution.

The size of the task is obviously too large not only for an individual South American museum, but even for the aggregate of all zoological institutions in the continent. We asked for help, and the uniformly warm response from all quarters is perhaps the most satisfying result of the venture. To the contributors to this Catalogue we are deeply indebted, and special mention must be made of Dr. Curtis W. Sabrosky, whose advice and help, asked from the beginning, were always more than generously given.

We have patterned our work after the "A Catalog of the Diptera of America North of Mexico", partly as a matter of convenience for consultation, but mostly in recognition of its excellent features.





EXPLANATORY NOTE

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A few words are necessary to explain the format of our Catalogue. Unlike the North American one, this Catalogue will be issued in fascicles, each one treating a single family.

The Neotropical fauna is being actively studied; were we to wait for the preparation of all manuscripts in order to publish the Catalogue in one single volume, many of the treatments would have become obsolete at the time of publication. On the other hand, supplementation and substitution of individual fascicles are much easier.

Fascicles will be numbered according to the systematic arrangement of the families but published as soon as available, regardless of the sequence.

With some minor modifications, the format proper follows that of the North American Catalogue in order to permit concomitant use of both.

The list of intended fascicles is as follows:

- | | |
|--------------------------------|------------------------|
| 1. Introduction ✓ | 21. Hyperoscelididae ✓ |
| X 2. List of collaborators NED | 22. Scatopsidae ✓ |
| 3. Trichoderidae ✓ | 23. Cecidomyiidae ✓ |
| X 4. Tipulidae ✓ | 24. Xylophagidae ✓ |
| 5. Tanyderidae ✓ | 25. Xylomyiidae ✓ |
| 6. Psychodidae A ✓ | 26. Stratiomyidae ✓ |
| 7. Nymphomyiidae ✓ | 27. Pelecorhynchidae ✓ |
| X 8. Blephariceridae ✓ | 28. Tabanidae ✓ |
| X 9. Deuterophlebiidae ✓ | 29. Rhagionidae ✓ |
| 10. Dixidae ✓ | 30. Pantophtalmidae ✓ |
| 11. Chaoboridae ✓ | X 31. Therevidae ✓ |
| X 12. Culicidae ✓ | 32. Scenopinidae ✓ |
| 13. Thaumaleidae ✓ | 33. Apioceridae ✓ |
| 14. Ceratopogonidae ✓ | 34. Mydidae ✓ |
| X 15. Chironomidae ✓ | 35. Asilidae A ✓ |
| 16. Simuliidae ✓ | 36. Nemestrinidae ✓ |
| 17. Anisopodidae ✓ | 37. Acroceridae ✓ |
| 18. Bibionidae ✓ | 38. Bombyliidae ✓ |
| X 19. Mycetophilidae AE ✓ | 39. Empididae ✓ |
| X 20. Sciaridae ✓ | 40. Dolichopodidae ✓ |

X - new publications

- | | |
|-----------------------|--|
| 41. Lonchopteridae ✓ | 76. Canaceidae ✓ |
| 42. Sciadoceridae ✓ | 77. Ephyridae ✓ |
| 43. Phoridae ✓ | 78. Curtonotidae ✓ |
| 44. Platypezidae ✓ | 79. Drosophilidae ✓ |
| 45. Pipunculidae ✓ | 80. Diastatidae ✓ |
| 46. Syrphidae ✓ | 81. Chloropidae ✓ |
| 47. Conopidae ✓ | 82. Odiidae ✓ |
| 48. Micropezidae ✓ | 83. Agromyzidae ✓ |
| 49. Neriidae A ✓ | 84. Clusiidae A ✓ |
| 50. Psilidae ✓ | 85. Heleomyzidae B ✓ |
| 51. Megamerinidae ✓ | 86. Trixoscelidae ✓ |
| 52. Tanypezidae ✓ | 87. Rhinotoridae ✓ |
| 53. Richardiidae ✓ | 88. Anthomyzidae A ✓ |
| 54. Otitidae ✓ | 89. Opomyzidae ✓ |
| 55. Platystomatidae ✓ | 90. Chyromyidae ✓ |
| 56. Pyrgotidae ✓ | 91. Aulacigastridae ✓ |
| 57. Tephritidae ✓ | 92. Asteiidae ✓ |
| 58. Tachiniscidae ✓ | 93. Cryptochetidae ✓ |
| 59. Helcomyzidae ✓ | 94. Somatiidae ✓ |
| 60. Ropalomeridae ✓ | 95. Acalyptrate genera of uncertain family position. ✓ |
| 61. Coelopidae ✓ | 96. Anthomyiidae A B ✓ |
| 62. Dryomyzidae ✓ | 97. Muscidae ✓ |
| 63. Sepsidae ✓ | 98. Gasterophilidae ✓ |
| 64. Sciomyzidae ✓ | 99. Hippoboscidae ✓ |
| 65. Lauxaniidae A ✓ | 100. Streblidae ✓ |
| 66. Chamaemyiidae ✓ | 101. Nycteribiidae ✓ |
| 67. Periscelididae ✓ | 102. Calliphoridae ✓ |
| 68. Piophilidae ✓ | 103. Sarcophagidae ✓ |
| 69. Thyreophoridae ✓ | 104. Tachinidae ✓ |
| 70. Pallopteridae ✓ | 105. Cuteribridae ✓ |
| 71. Lonchaeidae ✓ | 106. Ocstridae ✓ |
| 72. Sphaeroceridae ✓ | 107. Final Remarks ✓ |
| 73. Braulidae ✓ | 108. General bibliography ✓ |
| 74. Tethinidae ✓ | 109. General index ✓ |
| 75. Milichiidae ✓ | 110. List of type-localities ✓ |

GEOGRAPHICAL SCOPE

The area covered by this Catalogue is the American continent south of the United States-Mexico border plus the following islands: (i) all continental islands, including those of the Gulf of California; (ii) on the Atlantic side: Bahamas, Greater and Lesser Antilles, Fernando Noronha, São Pedro, São Paulo, Martin Vaz, South Trinidad, Falklands, South Georgia, Sandwiches and South Orkneys; (iii) on the Pacific side: Galapagos, Juan Fernandez, Clipperton, Cocos, Revillagigedo. That part of Antarctica just opposite the southern end of South America is also included.

For brevity's sake, the area covered by this Catalogue, as well as the taxa occurring in it, will be referred to as "Neotropical", regardless of the real limits of the zoogeographical region.

CLASSIFICATION

The classification here adopted follows mainly that of Hennig (1954, 1958) and modified in the North American Catalogue (Stone *et al.*, 1965):



Suborder Nematocera

Superfamily Tipuloidea

Family Trichoceridae..

Family Tipulidae..

Superfamily Psychodoidea

Family Tanyderidae

Family Psychodidae.

Family Nymphomyiidae

Superfamily Culicoidea

Family Blephariceridae..

Family Deuterophlebiidae

Family Dixidae

Family Chaoboridae..

Family Culicidae..

Family Thaumaleidae *

Family Ceratopogonidae..

Family Chironomidae

Family Simuliidae.

Superfamily Anisopodoidea

Family Anisopodidae..

Superfamily Bibionoidea

Family Bibionidae.

Superfamily Mycetophiloidea

Family Mycetophilidae

Family Sciaridae..

Family Hyperoscelididae

Family Scatopsidae.

Family Cecidomyiidae

Suborder Brachycera

Superfamily Tabanoidea

Family Xylophagidae

Family Xylomyidae

Family Stratiomyidae

Family Pelecorhynchidae

Family Tabanidae

Family Rhagionidae

Family Pantophtalmidae

Superfamily Asiloidea

Family Therevidae

Family Scenopinidae

Family Apioceridae

Family Mydidae

Family Asilidae

Family Nemestrinidae

Family Acroceridae

Family Bombyliidae



Superfamily Empidoidea
Family Empididae
Family Dolichopodidae

Suborder Cyclorrhapha

Division Aschiza

Superfamily Lonchopteroidea
Family Lonchopteridae

Superfamily Phoroidea
Family Seiadoceridae
Family Phoridae
Family Platypezidae

Superfamily Syrphoidea
Family Pipunculidae
Family Syrphidae
Family Conopidae

Division Schizophora

Section Acalyptratae

Superfamily Micropezoidea
Family Micropezidae
Family Neriidae

Superfamily Nothyboidea
Family Psilidae
Family Megamerinidae
Family Tanypezidae

Superfamily Tephritoidea
Family Richardiidae
Family Otitidae
Family Platystomatidae
Family Pyrgotidae
Family Tephritidae
Family Tachiniscidae

Superfamily Sciomyzoidea
Family Helcomyzidae
Family Ropalomeridae
Family Coelopidae
Family Dryomyzidae
Family Sepsidae
Family Sciomyzidae

Superfamily Lauxanioidae
Family Lauxaniidae



Family Chamaemyiidae
Family Periseelididae

Superfamily Pallopteroidea

Family Piophilidae
Family Thyreophoridae
Family Pallopteridae
Family Lonchaeidae

Superfamily Milichioidea

Family Sphaeroeceridae
Family Braulidae
Family Tethinidae
Family Milichiidae
Family Canaceidae

Superfamily Drosophiloidea

Family Ephydriidae
Family Curtonotidae
Family Drosophilidae
Family Diastatidae

Superfamily Chloropoidea

Family Chloropidae

Unplaced families of Acalyptratae

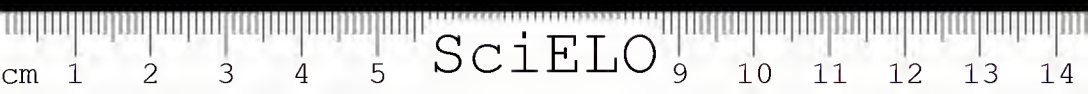
Family Odiniidae
Family Agromyzidae
Family Clusiidae
Family Heleomyzidae
Family Trixoseelididae
Family Rhinotoridae
Family Anthemyzidae
Family Opomyzidae
Family Chyromyidae
Family Aulacigastridae
Family Asteiidae
Family Cryptochetidae
Family Somatiidae

Acalyptrate genera of uncertain
family position

Section Calyptratae

Superfamily Museoidea

Family Anthomyiidae
Family Museidae
Family Gasterophilidae
Family Hippoboscidae
Family Streblidae
Family Nycteribiidae



Superfamily Oestroidea

Family Calliphoridae

Family Sarcophagidae

Family Tachinidae

Family Cuterebridae

Family Oestridae

INFORMATION CONTAINED

Each fascicle treats an individual family. In the introductory paragraphs a brief survey is made of the present state of knowledge of the biology, geographical distribution, morphology, anatomy, etc., of the family treated. Explicit mention is made of basic papers on relevant topics (revisions, catalogues, monographs, bibliographies, etc.). No nomenclatural references are made to the family. The same applies to subfamilies and tribes. When available, reference is made to a taxonomic revision of the whole taxon or of a significant group of genera.

Genera and subgenera — For each generic or subgeneric name, whether valid or a synonym, are given author, date, page, type-species, nature of type fixation and the present valid name of the type-species, if there has been a change. Generic synonyms are arranged chronologically. In the synonymic lists generic names based on exotic species are not included unless the names have come into significant usage in the American literature or unless the author of the fascicle, for some reason, considers it necessary. Generic and subgeneric headings are arranged either alphabetically or phylogenetically, according to the author's choice. Citation for the typical subgenus follows the generic rather than the subgeneric heading. For type-species, the original combination is used and the generic name omitted when it is the same as that of the genus for which it is the type. Authors are requested to follow the 1964 edition of the Code of Zoological Nomenclature for the fixation of type-species. Following the citations are given useful references to the genus or subgenus, especially of taxonomic nature, to the whole taxon or to significant groups of species.

Species and subspecific categories — Each specific or subspecific name is accompanied by the name of the author, date, page, figure, plate, name of the genus in which it was originally described (in parentheses), type-locality, and distribution.

The type-locality is explicitly stated without the use of abbreviations of geographical names (excepting U.S.A. and D.F.) in the following order: country, state (or equivalent administrative unit), locality proper (as complete as possible). The *Index to Map of Hispanic America 1:1,000,000* (Hanson, 1945) is here used as the basic standard reference work for geographical names. In cases of multiple type-localities or of allopatric syntypes, all localities are stated in the same order as they appeared in the original description of the taxon.

Distributional data are as complete as possible; in cases of a few scattered localities, full citation is given, in a north-south order. If the area covered by the species is too large, only outer limits are cited. However, in all of these cases a full list of islands is given.

Specific names are arranged alphabetically, following their respective generic or subgeneric headings. For specific synonyms and varieties, the same information (except distributional data) is furnished as for the species; such names are indented and listed chronologically.



Explicit mention is made of at least one good redescription, figure or useful detail, as an aid to the identification of the species, when this is available. Citation of the location of types is optional.

Errors and emendations are indented after the name misspelled or emended. Parentheses, indicating a shift in the original generic position of the species, are used only for valid specific names.

In cases of misidentifications, one of two procedures are followed (according to the North American Catalogue): (i) if the name of an exotic species has been erroneously applied to only one Neotropical species, it is listed in the synonymy of that species; the citation is thus given: "*punctatus*, authors, nec Fabricius"; a reference to the misuse may be given if it has been used only once but in a widely used publication; (ii) if the name has been misapplied to several valid Neotropical species, or if the identity of the Neotropical species apparently misnamed is unknown, then the name is cited in the proper alphabetical order in italics, without citation, followed by the notation: "not Neotropical".

Names of dubious identity are listed in regular alphabetical order when their generic position is reasonably certain and with the notation "unrecognized"; names of uncertain generic position are placed separately at the end of the respective tribe, subfamily or family; names of uncertain subgeneric position are placed at the end of the genus.

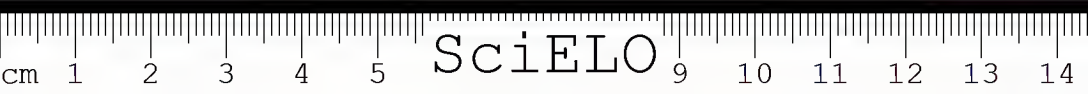
Nomina nuda are placed in synonymy if the application is known; otherwise, they are to be referred to the editors to be included in a special fascicle.

Unnamed species (e.g., *Rhinotora* sp.), accompanied by a description or figure, are also placed in synonymy when the application is known; otherwise, they are to be included in the regular alphabetical order under the respective generic or subgeneric headings. If an unnamed species was not accompanied by a description or figure, when it was originally published, it is included in this Catalogue when it represents the only published citation of the genus in the region covered by this Catalogue. Unpublished records of the existence of a certain taxon in the Neotropical region, or details on its geographical distribution based on collections data, are at times included, but this is explicitly stated by the author.

All other nomenclatural matters are to be solved with reference to the 1964 edition of the International Code of Zoological Nomenclature.

Each fascicle contains its own bibliography and index. Bibliographical references follow the pattern of the Zoological Record, but latitude is given to collaborators to adopt any consistent, easily understandable system. The index contains the name of the taxon, author, date, and, in cases of specific and subspecific names, the genus under which they now stand and (in parentheses) the genus in which they were originally described.

The pagination of each fascicle is independent, but the page number is preceded by the number of the fascicle. Thus, page 72.3 is the third page of fascicle 72. Each fascicle will bear its respective date of issue, for priority purposes.



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DEPARTAMENTO DE ZOOLOGIA, SECRETARIA DA AGRICULTURA, SÃO PAULO

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

3

FAMILY TRICHOCERIDAE

(PETAURISTIDAE, MELUSINIDAE)

CHARLES P. ALEXANDER AND MABEL M. ALEXANDER

Amherst, Massachusetts

The family Trichoceridae, including the so-called winter crane-flies, from their occurrence as adults being chiefly in the colder months of the year, has approximately 90 known species that are distributed in 6 genera. These include the major group *Trichocera* Meigen with 49 species in the typical subgenus, and 11 others in the recently proposed subgenus *Metatrachocera* Dahl, 1966, all species being Holarctic in distribution, with a few that have been transported to various parts of the world by commerce. The remaining genera are *Diazosma* Bergroth (2), Holarctic; *Nothotrachocera* Alexander (5), of southeastern Australia and the subantarctic islands of New Zealand (Campbell Island); *Palaeopetaurista* Ségué (1), Kerguelen Island, Indian Ocean; *Parocladura* Brunetti (23), with most of the species occurring in New Zealand and southern South America; and the very distinct and isolated genus *Kavaseomyia* Alexander (1), known only from central Japan.

The immature stages of various species of *Trichocera* are known, being found in animal manure, decaying vegetable matter, fungi, and in stored roots and tubers (Karandikar, 1931; Keilin, 1912; Laurence, 1956; Rhynchart, 1925).

In the "Catalog of the Diptera of America North of Mexico" (1965) this family was placed with the Tipulidae in the superfamily Tipuloidea, and this arrangement was followed by Papavero in the *Introduction* to the present Catalogue. In our opinion the Trichoceridae should be placed with the Anisopodidae in the superfamily Anisopodoidea, while the Tipuloidea include only the family Tipulidae. The various stages of the Trichoceridae show little in common with the Tipulidae but have undisputed characters that are found in the Anisopodidae, as discussed by various authors (Anthon, 1943; Edwards, 1928; Keilin, 1912; Rhynchart, 1925).

Genus TRICHOCERA Meigen

Petaurista Meigen, 1800:15 (preocc. Link, 1795). Type-species, *Tipula hiemalis* De Geer (Coquillett, 1910:587). Suppressed by I.C.Z.N., 1963:339.



- Melusina* Meigen, 1800:19. Type-species, *Tipula regelationis* Linnaeus (Hendel, 1908:50). Suppressed by I.C.Z.N., 1963:339.
- TRICHOCCERA Meigen, 1803:262. Type-species, *Tipula hiemalis* De Geer (mon.).
- Trichocerodes* Brèthes, 1925:169. Type-species, *georgianus* Brèthes (mon.) = *regelationis* (Linnaeus).
- MEXICANA Alexander, 1946:219, fig. (venation). Type-locality: Mexico, Michoacán, Cerro Tancitaro. Distr. — Mexico.
- REGELATIONIS (Linnaeus), 1758:587 (*Tipula*). Type-locality: "Sweden". Distr. — Europe; eastern North America; Falkland and South Georgia Islands.
- georgianus* Brèthes, 1925:169 (*Trichocerodes*). Type-locality: South Georgia and Falkland Islands (South Atlantic; British).

Genus PARACLADURA Brunetti

- PARACLADURA Brunetti, 1911:286. Type-species, *gracilis* Brunetti (orig. des.).
- CHILENSIS Alexander, 1929:225, fig. C5 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile.
- EDWARDSI Alexander, 1929:223, figs. C1 (venation), C4 (male hypopygium), C8 (ovipositor). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Argentina, Chile.
- PATAGONICA Alexander, 1929:226, figs. C2 (venation), C6 (male hypopygium), C9 (ovipositor). Type-locality: Argentina, Rio Negro, L. Nahuel Huapi. Distr. — Argentina, Chile.
- PIRIONI Alexander, 1929:227, figs. C3 (venation), C7 (male hypopygium). Type-locality: Chile, Valparaiso, Marga-Marga. Distr. — Chile.

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INDEX

| | |
|---|----------|
| <i>chilensis</i> Alexander, 1929, <i>Paracladura</i> | 3.2 |
| <i>edwardsi</i> Alexander, 1929, <i>Paracladura</i> | 3.2 |
| <i>georgianus</i> (Brèthes), 1925 (<i>Trichocerodes</i>), <i>Trichocera</i> | 3.2 |
| <i>Melusina</i> Meigen, 1800 | 3.2 |
| <i>mexicana</i> Alexander, 1946, <i>Trichocera</i> | 3.2 |
| <i>Paracladura</i> Brunetti, 1911 | 3.2 |
| <i>patagonica</i> Alexander, 1929, <i>Paracladura</i> | 3.2 |
| <i>Petaurista</i> Meigen, 1800 | 3.1 |
| <i>pirioni</i> Alexander, 1929, <i>Paracladura</i> | 3.2 |
| <i>regelationis</i> (Linnaeus), 1758 (<i>Tipula</i>), <i>Trichocera</i> | 3.2 |
| <i>Trichocera</i> Meigen, 1803 | 3.1, 3.2 |
| <i>Trichocerodes</i> Brèthes, 1925 | 3.2 |



SUBORDER NEMATOCERA





SciELO

SUPERFAMILY TIPULOIDEA

Family Trichoceridae

Family Tipulidae





SciELO

MUSEU DE ZOOLOGIA, UNIVERSIDADE DE SÃO PAULO

(Formerly Departamento de Zoologia, Secretaria da Agricultura, São Paulo)

A CATALOGUE OF THE DIPTERA OF THE AMERICAS SOUTH
OF THE UNITED STATES

4

FAMILY TIPULIDAE

CHARLES P. ALEXANDER AND MABEL M. ALEXANDER

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The family Tipulidae, comprising the true crane flies, is one of the largest families of Diptera in the Neotropical fauna, at present including slightly more than 3,000 species of the more than 13,000 described members of the family. The present fauna is still poorly known and the number of species here included presumably is not more than one-half of those that actually occur.

A number of the species that were named by the early workers remain in question. The original descriptions of these are brief and unsatisfactory and for several, accurate identification is impossible without a comparison with type material. A lack of exact geographical data for several of these species further limits the chances of identifying such materials. A major proportion of the taxonomic work on this family of flies has been done by the senior author of the present catalogue (see Literature cited, Alexander, 1911-date).

Very little is known regarding the biology and immature stages of Neotropical species in this family, the more important references being by Alexander (for *Sigmatomera*, 1930a), Bruch (1939b), Edwards (1934), and Picado (*Trentepohlia*, as *Mongoma*, 1913). Various genera occurring in North America, where the biology is known, have representatives in the Neotropics and these presumably have similar or comparable life histories. Of particular importance are four papers by the late J. S. Rogers considering *Orimarga* (*Diotrepha*), 1927a; *Atarba*, 1927b; *Polymera*, 1933; and *Megistocera*, 1949. The most important single paper on the biology of Neotropical crane flies is the one by Bruch, cited above. Further references to the immature stages of North American crane flies that will prove helpful to workers on the species found within the geographical limits of the catalogue include those by Alexander, 1920i, including a general summary of crane fly biology; Eysers (*Dolichocheza*, 1961), and Hynes (*Cryptolabis*, 1963, and *Lipsothrix* 1965).

The arrangement of genera in the various subfamilies and tribes is shown, with an indication of the number of species, and a summary of the total number of species included in the major divisions of the family.

TIPULINAE

Number of species

| | |
|-------------------------------------|-------|
| Brachypremna Osten Sacken | 35 |
| Ctenophora Meigen | 3 |
| <i>Pselliophora</i> Osten Sacken | (3) |
| Dolichopeza Curtis | 8 |
| <i>Megistomastix</i> Alexander | (8) |
| Elnoretta Alexander | 1 |
| Ischnotoma Skuse | 31 |
| <i>Icriomastax</i> Enderlein | (10) |
| <i>Ischnotoma</i> Skuse | (17) |
| <i>Neotipula</i> Alexander | (4) |
| Leptotarsus Guérin-Ménéville | 89 |
| <i>Aldrovandia</i> Enderlein | (1) |
| <i>Araucomyia</i> Alexander | (3) |
| <i>Ceoneura</i> Alexander | (1) |
| <i>Leptotarsus</i> Guérin-Ménéville | (1) |
| <i>Limoniodes</i> Alexander | (1) |
| <i>Longurio</i> Loew | (35) |
| <i>Pehlkea</i> Enderlein | (4) |
| <i>Tanypremna</i> Osten Sacken | (30) |
| <i>Tanypremnella</i> Alexander | (10) |
| <i>Tanypremnodes</i> Alexander | (2) |
| <i>Xenotipula</i> Alexander | (1) |
| Megistocera Wiedemann | 1 |
| Nephrotoma Meigen | 21 |
| Ozodicera Macquart | 54 |
| <i>Dihexaclonus</i> Enderlein | (21) |
| <i>Ozodicera</i> Macquart | (33) |
| Phacelodocera Enderlein | 1 |
| Tipula Linnaeus | 410 |
| <i>Bellardina</i> Edwards | (9) |
| <i>Eumicrotipula</i> Alexander | (236) |
| <i>Lunatipula</i> Edwards | (3) |
| <i>Microtipula</i> Alexander | (145) |
| <i>Pectinotipula</i> Alexander | (4) |
| <i>Pterelachisus</i> Rondani | (1) |
| <i>Trichotipula</i> Alexander | (6) |
| <i>Triplicitipula</i> Alexander | (1) |
| <i>Yamatotipula</i> Matsumura | (5) |
| Valdiviana Alexander | 4 |
| Zelandotipula Alexander | 50 |
| Unplaced Tipulinae | 10 |

Total: 718

CYLINDROTOMINAE

| | |
|-------------------------|---|
| Stibadocerina Alexander | 1 |
|-------------------------|---|

LIMONIINAE

| | |
|----------------------------|---|
| LIMONINI | |
| Antocha Osten Sacken | 1 |
| Dicranoptycha Osten Sacken | 3 |



| | |
|----------------------------------|-------|
| Helius Lepeletier & Serville | 39 |
| Limonia Meigen | 598 |
| <i>Atypophthalmus</i> Brunetti | (1) |
| <i>Caenoglochina</i> Alexander | (18) |
| <i>Caenolimonia</i> Alexander | (15) |
| <i>Dicranomyia</i> Stephens | (188) |
| <i>Discobola</i> Osten Sacken | (1) |
| <i>Geranomyia</i> Haliday | (142) |
| <i>Idioglochina</i> Alexander | (3) |
| <i>Neoglochina</i> Alexander | (21) |
| <i>Neolimnobia</i> Alexander | (11) |
| <i>Neolimonia</i> Alexander | (33) |
| <i>Peripheroptera</i> Schiner | (36) |
| <i>Rhipidia</i> Meigen | (106) |
| <i>Zalusia</i> Enderlein | (1) |
| <i>Zelandoglochina</i> Alexander | (19) |
| Unplaced <i>Limonia</i> | (3) |
| Orimarga Osten Sacken | 45 |
| <i>Diotrepha</i> Osten Sacken | (14) |
| <i>Orimarga</i> Osten Sacken | (31) |
| Protohelius Alexander | 2 |
| Tonnoiromyia Alexander | 1 |
| <hr/> | |
| Total: | 689 |

PEDICIINI

| | |
|-----------------------------------|-----|
| Dicranota Zetterstedt | 3 |
| <i>Plectromyia</i> Osten Sacken | (1) |
| <i>Rhaphidolabis</i> Osten Sacken | (2) |
| Pedicia Latreille | 9 |
| <i>Tricyphona</i> Zetterstedt | (9) |
| Unplaced Pediciini | 1 |
| <hr/> | |
| Total: | 13 |

HEXATOMINI

| | |
|------------------------------------|------|
| Atarba Osten Sacken | 87 |
| <i>Atarba</i> Osten Sacken | (61) |
| <i>Ischnothrix</i> Bigot | (26) |
| Austrolimnophila Alexander | 57 |
| <i>Austrolimnophila</i> Alexander | (46) |
| <i>Limnophilella</i> Alexander | (9) |
| <i>Mediophragma</i> Alexander | (2) |
| Chilelimnophila Alexander | 1 |
| Ctenolimnophila Alexander | 7 |
| <i>Abitagua</i> Alexander | (1) |
| <i>Campbellomyia</i> Alexander | (3) |
| <i>Ctenolimnophila</i> Alexander | (3) |
| Edwardsomyia Alexander | 1 |
| Elephantomyia Osten Sacken | 31 |
| <i>Elephantomyia</i> Osten Sacken | (29) |
| <i>Elephantomyia</i> Alexander | (1) |
| <i>Xenoelephantomyia</i> Alexander | (1) |
| Epiphragma Osten Sacken | 60 |



| | |
|-----------------------------------|-------|
| Gynoplistia Westwood | 18 |
| <i>Dirhipis</i> Enderlein | (3) |
| <i>Gynoplistia</i> Westwood | (15) |
| Hexatoma Latreille | 146 |
| <i>Cladolipes</i> Loew | (1) |
| <i>Eriocera</i> Macquart | (139) |
| Lecteria Osten Sacken | 14 |
| <i>Lecteria</i> Osten Sacken | (3) |
| <i>Psaronius</i> Enderlein | (11) |
| Limnophila Macquart | 40 |
| <i>Araucolimnophila</i> Alexander | (1) |
| <i>Habrolimnophila</i> Alexander | (1) |
| <i>Limnophila</i> Macquart | (38) |
| Mesolimnophila Alexander | 2 |
| Paradelphomyia Alexander | 7 |
| <i>Oxyrhiza</i> Meijere | (7) |
| Paralimnophila Alexander | 14 |
| Pilaria Sintenis | 2 |
| Polymera Wiedemann | 52 |
| <i>Polymera</i> Wiedemann | (44) |
| <i>Polymerodes</i> Alexander | (8) |
| Pseudolimnophila Alexander | 5 |
| Shannonomyia Alexander | 74 |
| <i>Roraimomyia</i> Alexander | (1) |
| <i>Shannonomyia</i> Alexander | (73) |
| Unplaced Hexatomini | 10 |

Total: 622

ERIOPTERINI

| | |
|----------------------------------|------|
| Amphineurus Skuse | 12 |
| <i>Amphineurus</i> Skuse | (3) |
| <i>Rhamphoneurus</i> Alexander | (9) |
| Aphrophila Edwards | 8 |
| Aymaramyia Alexander | 1 |
| Baeoura Alexander | 1 |
| Cheilotrichia Rossi | 25 |
| <i>Empeda</i> Osten Sacken | (25) |
| Cryptolabis Osten Sacken | 41 |
| <i>Cryptolabis</i> Osten Sacken | (39) |
| <i>Procryptolabis</i> Alexander | (2) |
| Empedomorpha Alexander | 1 |
| Erioptera Meigen | 68 |
| <i>Erioptera</i> Meigen | (18) |
| <i>Eriopterella</i> Alexander | (3) |
| <i>Mesocyphona</i> Osten Sacken | (42) |
| <i>Psilococonopa</i> Zetterstedt | (1) |
| <i>Symplecta</i> Meigen | (3) |
| <i>Trimicra</i> Osten Sacken | (1) |
| Eugnophomyia Alexander | 19 |
| Gnophomyia Meigen | 91 |
| Gonomyia Meigen | 216 |
| <i>Euptilostena</i> Alexander | (2) |
| <i>Gonomyia</i> Meigen | (55) |



| | |
|------------------------------------|-------------|
| <i>Gonomyia</i> Alexander | (4) |
| <i>Idiocera</i> Dale | (2) |
| <i>Lipophleps</i> Bergroth | (83) |
| <i>Neolipophleps</i> Alexander | (17) |
| <i>Paralipophleps</i> Alexander | (14) |
| <i>Progonomyia</i> Alexander | (39) |
| Gymnastes Brunetti | 1 |
| <i>Paragymnastes</i> Alexander | (1) |
| Jivaromyia Alexander | 1 |
| Lipsothrix Loew | 1 |
| Maietta Alexander | 2 |
| Molophilus Curtis | 199 |
| <i>Eumolophilus</i> Alexander | (4) |
| <i>Molophilus</i> Curtis | (191) |
| <i>Rhynchomolophilus</i> Alexander | (1) |
| <i>Trichomolophilus</i> Alexander | (3) |
| Neognophomyia Alexander | 30 |
| Neolimnophila Alexander | 1 |
| Neophilippiana Alexander | 1 |
| Quechuamyia Alexander | 1 |
| Rhabdomastix Skuse | 20 |
| <i>Rhabdomastix</i> Skuse | (14) |
| <i>Sacandaga</i> Alexander | (6) |
| Sigmatomera Osten Sacken | 19 |
| <i>Austrolimnobia</i> Alexander | (5) |
| <i>Eufurina</i> Alexander | (1) |
| <i>Sigmatomera</i> Osten Sacken | (13) |
| Styringomyia Loew | 5 |
| Tasiocera Skuse | 2 |
| <i>Dasymolophilus</i> Goetghebuer | (2) |
| Teucholabis Osten Sacken | 203 |
| <i>Euparatropesa</i> Alexander | (14) |
| <i>Euteucholabis</i> Alexander | (2) |
| <i>Paratropesa</i> Schiner | (11) |
| <i>Teucholabis</i> Osten Sacken | (176) |
| Toxorhina Loew | 34 |
| <i>Ceratocheilus</i> Wesché | (11) |
| <i>Toxorhina</i> Loew | (23) |
| Trentepohlia Bigot | 42 |
| <i>Mongoma</i> Westwood | (1) |
| <i>Neomongoma</i> Alexander | (6) |
| <i>Paramongoma</i> Brunetti | (34) |
| <i>Promongoma</i> Alexander | (1) |
| Total Tipulidae: 3088. | Total: 1045 |

Subfamily TIPULINAE

Genus BRACHYPREMNA Osten Sacken

BRACHYPREMNA Osten Sacken, 1886b:161. Type-species, *Tipula dispellens* Walker (Coquillett, 1910:516, as *dispellans*, error) (Neotropical).
Ref. — Alexander, 1912g (revision).



- ABITAGUAE Alexander, 1945n:390. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- ANGUSTA Alexander, 1945e:210. Type-locality: Brazil, Rondônia, Pôrto Velho, Rio Madeira. Distr. — Brazil.
- APPENDIGERA Alexander, 1945n:393. Type-locality: Ecuador, Napo-Pastaza, Río Jatun Yacu. Distr. — Ecuador.
- ARAJUNO Alexander, 1945a:8. Type-locality: Ecuador, Napo-Pastaza, Río Arajuno, Napo Watershed. Distr. — Ecuador.
- ARCUARIA ARCUARIA Alexander, 1937c:481. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador.
- ssp. TRIANGULARIS Alexander, 1945g:60. Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- AUSTRALIS Alexander, 1923b:185. Type-locality: Argentina, Córdoba, La Granja, Alta Gracia. Distr. — Argentina.
- BASILICA Alexander, 1921d:92. Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru.
- BREVIGENUA Alexander, 1945j:2. Type-locality: Brazil, São Paulo, Ribeirão Pires, Barreira das Camélias. Distr. — Brazil.
- BREVITEREBRA Alexander, 1944m:296, figs. 2, 4 (ovipositor). Type-locality: Brazil, Rio de Janeiro, Alto Itatiaia. Distr. — Brazil.
- BREVIVENTRIS (Wiedemann), 1821:43 (*Tipula*). Type-locality: "America." (Later Osten Sacken, 1886b:161, Brazil.) Distr. — Venezuela, Guyana, Surinam, Peru, Brazil, Bolivia. Ref. — Alexander, 1912g:230, fig. d (wing).
- CANDIDA Alexander, 1912g:233, fig. f (wing) (nom. nov. for *albinana* Wiedemann). Type-locality: "Surinam". Distr. — Panama, Surinam, Ecuador, Peru, Brazil.
- albinana* Wiedemann, 1830:615 (*Tipula*; preocc. Fabricius, 1787). Type-locality: "Surinam".
- CLYMENE Alexander, 1945e:214. Type-locality: Brazil, Guanabara, Rio de Janeiro, Alto da Boa Vista. Distr. — Brazil.
- DISPELLENS (Walker), 1861:334 (*Tipula*). Type-locality: "Mexico". Distr. — Guatemala, Costa Rica, Panama, Surinam, Venezuela, Brazil, Trinidad. Ref. — Alexander, 1912g:228, fig. b (wing).
- DIVERSIPES Alexander, 1941a:237. Type-locality: Peru, Junín, Satipo. Distr. — Peru.
- GEJSKESI Alexander, 1945b:49. Type-locality: Surinam, Brownsberg. Distr. — Surinam.
- ILLUDENS Alexander, 1945o:579. Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- INTEGRISTIGMA Alexander, 1940f:391, fig. 3 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- ITATIAYANA Alexander, 1944m:293, fig. 1 (ovipositor). Type-locality: Brazil, Rio de Janeiro, Alto Itatiaia. Distr. — Brazil.
- KARMA Alexander, 1945a:11. Type-locality: Ecuador, Napo-Pastaza, Río Arajuno, Napo Watershed. Distr. — Ecuador.
- LAETIVENTRIS Alexander, 1945g:61. Type-locality: Venezuela, Mt. Roraima. Distr. — Venezuela.
- NIGROFEMORATA Alexander, 1936c:298. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.



- PHREXUS Alexander, 1953a:7, fig. 1 (wing). Type-locality: Ecuador, Manabi, Cojimies. Distr. — Ecuador.
- PICTIPES Osten Sacken, 1887b:239. Type-locality: Brazil, Rio Grande do Sul, Caçapava do Sul. Distr. — Brazil. Ref. — Alexander, 1912g:234.
- PICTIVENTRIS Alexander, 1945e:212. Type-locality: Brazil, Rondônia. Pôrto Velho, Rio Madeira. Distr. — Brazil. Ref. — Alexander, 1912g:234.
- QUASIMODO Alexander, 1943c:199. Type-locality: Ecuador, Santiago-Zamora, Río Nanganitza, Magaico. Distr. — Ecuador.
- SAPPHO Alexander, 1943f:292, fig. 1 (wing). Type-locality: Brazil, Espirito Santo, São João Petrópolis. Distr. — Brazil.
- SIMILIS Williston, 1900:229. Type-locality: Mexico, Tabasco, Teapa. Distr. — Mexico, Nicaragua, Costa Rica, Panama, Venezuela. Ref. — Alexander, 1912g:232, fig. a (wing).
- SUBEVANESCENS Alexander, 1962c:17, fig. 1 (wing). Type-locality: Bolivia, Cochabamba, Chapare, Locotal. Distr. — Bolivia.
- SUBSIMILIS Alexander, 1921a:76. Type-locality: Argentina, Corrientes, San Roque. Distr. — Brazil, Argentina.
- SUBUNIFORMIS Alexander, 1945g:64, fig. 1 (male hypopygium). Type-locality: Venezuela, Bolívar, Akuriman, Gran Sabana. Distr. — Venezuela.
- THYESTES Alexander, 1953c:599, fig. 1 (male hypopygium). Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- UNICOLOR Osten Sacken, 1887b:239. Type-locality: "Puerto Rico". Distr. — Cuba, Haiti, Dominican Republic, Jamaica, Puerto Rico, Grenada. Refs. — Alexander, 1912g:235, fig. c (wing); 1932:354, fig. 2 (wing); 1964a:14, fig. 2 (wing).
- UNIFORMIS Alexander, 1920a:75. Type-locality: Brazil, Amazonas, Parintins. Distr. — Brazil, Peru.
- VARUTIBIA Alexander, 1936c:300. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- WILLIAMSONI Alexander, 1912g:231, fig. c (wing). Type-locality: Guyana, Wismar. Distr. — Guyana, Surinam, Peru.

Genus CTENOPHORA Meigen

CTENOPHORA Meigen, 1803:263. Type-species, *Tipula pectinicornis* Linnaeus (Westwood, 1840:128) (Western Palaearctic). (See note in Alexander, 1965d:19).

Flabellifera authors, not Meigen.

Subgenus PSELLIOPHORA Osten Sacken

PSELLIOPHORA Osten Sacken, 1886b:165. Type-species, *Tipula laeta* Fabricius (Enderlein, 1912:21; Brunetti, 1912:290) (Oriental).

MARGARITA Alexander, 1965a:401. Type-locality: Mexico, Durango, 48 miles west of El Salto. Distr. — Mexico.

MESAMERICANA (Alexander), 1944e:92 (*Pselliophora*). Type-locality: Guatemala, Cayuga. Distr. — Guatemala.

VENEZUELENSIS (Alexander), 1944c:38, fig. 2 (wing) (*Pselliophora*). Type-locality: Venezuela, Aragua, Choroni. Distr. — Venezuela.

Genus DOLICHOPEZA Curtis

DOLICHOPEZA Curtis, 1825: vol. 2, pl. 62. Type-species, *sylicola* Curtis (orig. des.) = *albipes* (Ström) (Wertern Palaearctic).

Subgenus MEGISTOMASTIX Alexander

- MEGISTOMASTIX Alexander, 1912a:63 (as genus). Type-species, *portoricensis* Alexander (mon.) (Neotropical).
- ACUTILOBA Alexander, 1937a:179, fig. 6 (male hypopygium). Type-locality: Puerto Rico, El Yunque. Distr. — Puerto Rico.
- CUBENSIS (Alexander), 1928b:47 (*Megistomastix*). Type-locality: Cuba, Pinar del Río, Sierra Rangel. Distr. — Cuba.
- DARLINGTONI Alexander, 1939d:105, fig. 11 (male hypopygium). Type-locality: Cuba, Pico Turquino, Sierra Maestra. Distr. — Cuba.
- DEVEXA Alexander, 1937e:523, figs. 1 (wing), 9 (male hypopygium). Type-locality: Cuba, Oriente, Sierra Maestra, Pico Turquino. Distr. — Cuba.
- DOMINGENSIS Alexander, 1939d:106, figs. 2 (wing), 12 (male hypopygium). Type-locality: Hispaniola: Dominican Republic, Loma Rucilla. Distr. — Dominican Republic.
- ORTUSILOBA Alexander, 1937a:180, fig. 7 (male hypopygium). Type-locality: Puerto Rico, El Yunque. Distr. — Puerto Rico.
- PORTORICENSIS (Alexander), 1912a:63, figs. 1 (head), 2 (wing), 3 (male hypopygium) (*Megistomastix*). Type-locality: Puerto Rico, El Yunque. Distr. — Puerto Rico. Ref. — Alexander, 1932:355, fig. 3 (wing).
- VITTINERVIS Alexander, 1937a:181, fig. 1 (wing). Type-locality: Cuba, Oriente, Sierra del Cobre, Loma del Gato. Distr. — Cuba.

Genus ELNORETTA Alexander

- ELNORETTA Alexander, 1929a:15. Type-species, *acracanthoides* Alexander (orig. des.) (Neotropical).
- ACRACANTHOIDES Alexander, 1929a:16, figs. 31 (wing), 111 (antenna). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile.

Genus ISCHNOTOMA Skuse

- ISCHNOTOMA Skuse, 1890b:114. Type-species, *Tipula serricornis* Macquart (Alexander, 1920g:53) — *eburnea* Walker (Australasian). Ref. — Vane-Wright, 1967, figs.

Subgenus ICRIMASTAX Enderlein

- ICRIMASTAX Enderlein, 1912:9 (as genus). Type-species, *ocellata* Enderlein (orig. des.) (Neotropical). Ref. — Vane-Wright, 1967.
- ANTINYMPHA (Alexander), 1942i:48, fig. 13 (wing) [*Holorusia* (*Holorusia*)]. Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- CALLOPE (Alexander), 1945j:8, fig. 2 (male hypopygium) [*Holorusia* (*Holorusia*)]. Type-locality: Brazil, São Paulo, Guarujá. Distr. — Brazil.
- EUTERPE (Alexander), 1945e:230 [*Holorusia* (*Holorusia*)]. Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil.



- HELIOS (Alexander), 1949b:467, fig. 7 (male hypopygium) (*Holorusia*). Type-locality: Brazil, Paraná, Curitiba. Distr. — Brazil.
- JUJUYENSIS (Alexander), 1920f:220 (*Holorusia*). Type-locality: Argentina, Jujuy. Distr. — Argentina. (May be *nudicornis*, auct. Vane-Wright, 1967:516, fig. 8 (wing); page 529, fig. 43 (male hypopygium); Bruch, 1939a:12-16, pls. 2 (habitat); 3, fig. 7 (head, adult); 7, fig. 26 (wing), figs. 27, 28 (immature stages); 8, figs. 1-16 (immature stages).
- NITRA (Alexander), 1945c:227, fig. 1 (male hypopygium) [*Holorusia* (*Holorusia*)]. Type-locality: Brazil, Rio de Janeiro, Serra dos órgãos. Distr. — Brazil.
- NUDICORNIS (Macquart), 1838a:59(55) (*Tipula*). Type-locality: Argentina, Buenos Aires. Distr. — Argentina.
- OCELLATA (Enderlein), 1912:9 (*Icriomastax*). Type-locality: Brazil, Espírito Santo. Distr. — Brazil. Ref. — Alexander, 1926c:388.
- PHAETON (Alexander), 1945j:10, fig. 3 (male hypopygium) [*Holorusia* (*Holorusia*)]. Type-locality: Brazil, São Paulo, São Paulo, Serra da Cantareira. Distr. — Brazil.
- ZIKANI (Alexander), 1936a:14 (*Holorusia*). Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.

Subgenus ISCHNOTOMA Skuse

- CONCINNA (Philippi), 1865:605 (*Tipula*). Type-locality: Chile, Valdivia, Port Corral. Distr. — Chile. Ref. — Alexander, 1929a:22.
- DECORATA DECORATA (Philippi), 1865:604 (*Tipula*). Type-locality: Chile, Valdivia, Santiago, Illapel. Distr. — Chile. Ref. — Alexander, 1929a:30, fig. 6 (wing).
- ssp. ARAUCANA (Alexander), 1929a:30 (footnote) (*Holorusia*). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile. Ref. — Vane-Wright, 1967:514, fig. (wing), page 526, fig. (male hypopygium).
- DELPONTEI (Alexander), 1929a:27, figs. 4 (wing), 115 (male hypopygium) (*Holorusia*). Type-locality: Chile, Llanquihue, Ensenada. Distr. — Chile, Argentina.
- FAGETORUM FAGETORUM (Alexander), 1929a:29, figs. 5 (wing), 117 (male hypopygium) (*Holorusia*). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina. Ref. — Alexander, 1962b:337, fig. 8 (male hypopygium).
- ssp. TRUNCULATA (Alexander), 1962b:340, fig. 7 (male hypopygium) (*Holorusia*). Type-locality: Argentina, Neuquén, Lago Lacar. Distr. — Argentina.
- FRAUENFELDI (Schiner), 1868:36 (*Tipula*). Type-locality: "Chile". Distr. — Chile. (May be *decorata*). Ref. — Alexander, 1929a:23.
- FUSCOSTIGMOSA (Alexander), 1929a:32 (*Holorusia*). Type-locality: Chile, Chiloé Is., Castro. Distr. — Chile.
- HOMOCHIROA (Alexander), 1926c:391, figs. 1, 2 (male hypopygium) (*Holorusia*). Type-locality: Chile, Malleco, Victoria. Distr. — Chile. Ref. — Alexander, 1929a:23.
- LAROTYPA (Alexander), 1929a:31, fig. 7 (wing) (*Holorusia*). Type-locality: Chile, Chiloé Is., Castro. Distr. — Chile.

- PENAI (Alexander), 1952b:99, figs. 1 (male hypopygium), 5 (wing) [*Holorusia* (*Ischnotoma*)]. Type-locality: Chile, Chiloé Is., Aucar. Distr. — Chile.
- guzmani Alexander, 1953b:8 [*Holorusia* (*Ischnotoma*)] (lapsus for *penai*).
- PORTERI (Alexander), 1929a:24, fig. 33 (wing) (*Holorusia*). Type-locality: Chile, Chiloé Is., Castro. Distr. — Chile. Ref. — Vane-Wright, 1967:526, fig. 39 (male hypopygium), page 528, fig. 42 (male hypopygium).
- POSTNOTALIS (Alexander), 1929a:28 (*Holorusia*). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina. Ref. — Vane-Wright, 1967:526, fig. 39 (male hypopygium), page 528, fig. 42 (male hypopygium).
- PROBLEMATICA (Alexander), 1945f:8, figs. 5 (antenna), 7 (wing) (*Holorusia*). Type-locality: Chile, Ñuble, Guapé, near Chillán. Distr. — Chile.
- RUFPOSTIGMOSA (Macquart), 1838a:60(56) (*Tipula*). Type-locality: "Chile". Distr. — Chile. Ref. — Alexander, 1929a:22. (May be prior name of *decorata*).
- SCHINERIANA (Alexander), 1928f:635 (*Holorusia*). Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Chile.
- SHANNONIANA (Alexander), 1929a:27, fig. 116 (male hypopygium) (*Holorusia*). Type-locality: Chile, Chiloé Is., Castro. Distr. — Chile. Ref. — Vane-Wright, 1967:517, fig. 11 (wing).
- SILVAI (Alexander), 1929a:26, fig. 114 (male hypopygium) (*Holorusia*). Type-locality: Chile, Llanquihue, Puerto Montt. Distr. — Chile.
- VITTIGERA (Philippi), 1865:607 (*Tipula*). Type-locality: Chile, Valdivia. Distr. — Chile. Ref. — Alexander, 1929a:23.

Subgenus NEOTIPULA Alexander

- Tipula*, subg. NEOTIPULA Alexander, 1940c:105. Type-species, *Tipula pectinella* Alexander (orig. des.) (Neotropical).
- MAYA (Alexander), 1912f:358, figs. a (wing), t (ovipositor) (*Tipula*). Type-locality: Guatemala, Aguna. Distr. — Guatemala.
- PAPRZYCKII (Alexander), 1941a:238 [*Tipula* (*Neotipula*)]. Type-locality: Peru, Junín, Satipo. Distr. — Peru. Ref. — Alexander, 1951b:299, fig. 17 (wing).
- PECTINELLA (Alexander), 1940c:106 [*Tipula* (*Neotipula*)]. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- PENATA (Alexander), 1965b:337 [*Holorusia* (*Holorusia*)]. Type-locality: Ecuador, Quito. Distr. — Ecuador, Peru.

Genus LEPTOTARSUS Guérin-Ménéville

- LEPTOTARSUS Guérin-Ménéville, 1838:286, pl. 20, fig. 1. Type-species, *macquarti* Guérin-Ménéville (mon.) (Australasian).

Subgenus ALDROVANDIA Enderlein

- ALDROVANDIA Enderlein, 1912:52 (as genus). Type-species, *gesneri* Enderlein (orig. des.) (Neotropical).

GESNERI (Enderlein), 1912:52, fig. F¹ (wing) (*Aldrovandia*). Type-locality: Brazil, Espírito Santo. Distr. — Brazil. Ref. — Alexander, 1936c:303, fig. 1 (wing).

Subgenus ARAUCOMYIA Alexander

Macromastix, subg. ARAUCOMYIA Alexander, 1929a:14. Type-species, *paulseni* (Philippi) (orig. des.) (Neotropical).

BREVIHIRSUTUS (Alexander), 1934d:174 [*Macromastix* (*Araucomyia*)]. Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Chile.

PAULSENI (Philippi), 1865:606 (*Tipula*). Type-locality: Chile, Santiago. Distr. — Chile. Ref. — Alexander, 1929a:15, fig. 30 (wing).

PENITUS (Alexander), 1944i:118 [*Macromastix* (*Araucomyia*)]. Type-locality: Chile, Arauco, Cerros de Nahuelbuta. Distr. — Chile.

Subgenus CEONEURA Alexander

Tanypremna, subg. CEONEURA Alexander, 1924b:289. Type-species, *idioneura* Alexander (orig. des.) (Neotropical).

IDIONEURUS (Alexander), 1924b:289 [*Tanypremna* (*Ceoneura*)]. Type-locality: Guyana, Kartabo. Distr. — Guyana. Ref. — Alexander, 1936c:303, fig. 4 (wing).

Subgenus LEPTOTARSUS Guérin-Ménéville

ANNULIPES (Philippi), 1865:605 (*Tipula*). Type-locality: Chile, Valdivia. Distr. — Chile. Ref. — Alexander, 1929a:21, fig. 3 (wing).

Subgenus LIMONIODES Alexander

Tanypremna, subg. LIMONIODES Alexander, 1938b:337. Type-species, *sulphurella* (Alexander) (orig. des.) (Neotropical).

SULPHURELLUS (Alexander), 1938b:337, fig. 1 (wing) [*Tanypremna* (*Limoniodes*)]. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.

Subgenus LONGURIO Loew

LONGURIO Loew, 1869:3 (Cent. 8, no. 2) (as genus). Type-species, *testaceus* Loew (mon.) (Nearctic).

ATRIROSTRIS (Alexander), 1945f:5, figs. 1, 2 (male hypopygium) (*Macromastix*). Type-locality: Chile, Nuevo Imperial. Distr. — Chile.

BRASILIAE (Alexander), 1935a:313 [*Macromastix* (*Macromastix*)]. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.

BROWNII (Alexander), 1940d:194 (*Macromastix*). Type-locality: Ecuador, Napo-Pastaza, Río Upano, Macas. Distr. — Ecuador.

BULLOCKI (Alexander), 1931c:622 [*Macromastix* (*Araucomyia*)]. Type-locality: Chile, Malleco, Nahuelbuta. Distr. — Chile, Argentina. Ref. — Alexander, 1951a:82, figs. 1 (male hypopygium), 2 (wing).



- CAPARAONUS (Alexander), 1944m:298 [*Macromastix (Macromastix)*]. Type-locality: Brazil, Minas Gerais, Alto Caparaó. Distr. — Brazil.
- CARRERANUS (Alexander), 1945j:3 (*Macromastix*). Type-locality: Brazil, São Paulo, Guarujá. Distr. — Brazil.
- CHRYSTIGMA (Alexander), 1944m:300 [*Macromastix (Macromastix)*]. Type-locality: Brazil, Minas Gerais, Alto Caparaó. Distr. — Brazil.
- ESPINOZAI (Alexander), 1938i:276 [*Macromastix (Macromastix)*]. Type-locality: Chile, Cautín, Temuco. Distr. — Chile.
- EUCRYPTA (Alexander), 1953b:7, fig. 3 (wing) [*Longurio (Longurio)*]. Type-locality: Chile, Chiloé Is., Aulén. Distr. — Chile.
- EXEMPTUS (Alexander), 1936a:10 (*Habromastix*). Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- GOYAZANUS (Alexander), 1940f:386, fig. 11 (male hypopygium) [*Macromastix (Macromastix)*]. Type-locality: Brazil, Goiás, Campinas. Distr. — Brazil.
- GUIMARAESI (Alexander), 1942i:46, figs. 12 (wing), 16 (male hypopygium) [*Macromastix (Macromastix)*]. Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- GYMNOECERA (Alexander), 1938c:321 (*Macromastix*). Type-locality: Brazil, Rio de Janeiro, Itatiaia, Maromba. Distr. — Brazil.
- HUANUCENSIS (Alexander), 1953e:613, fig. 7 (male hypopygium) [*Longurio (Longurio)*]. Type-locality: Peru, Huanuco, Pillao. Distr. — Peru.
- INSIDIOSUS (Alexander), 1949b:463, figs. 3 (wing), 5 (male hypopygium) [*Macromastix (Macromastix)*]. Type-locality: Brazil, São Paulo, Campos do Jordão, Homem Morto. Distr. — Brazil.
- IXION (Alexander), 1949b:464, figs. 2 (wing), 6 (male hypopygium) [*Macromastix (Macromastix)*]. Type-locality: Brazil, São Paulo, Campos do Jordão, Homem Morto. Distr. — Brazil.
- LEMNISCATUS (Alexander), 1929b:91 (*Habromastix*). Type-locality: Brazil, Rio de Janeiro. Distr. — Brazil.
- LUSTRALIS (Alexander), 1936d:750 (*Tipula*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- LUTEISTIGMA (Alexander), 1940f:389, fig. 12 (male hypopygium) [*Macromastix (Araucomyia)*]. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- NAHUEL BUTAE (Alexander), 1945f:7, figs. 3, 4 (male hypopygium) (*Macromastix*). Type-locality: Chile, Arauco, Nahuelbuta. Distr. — Chile.
- NOCIVUS (Alexander), 1953b:5, figs. 4 (wing), 5 (male hypopygium) [*Longurio (Longurio)*]. Type-locality: Chile, Chiloé Is., Toi-Goi. Distr. — Chile.
- PARAGUAYANUS (Riedel), 1921:126, fig. (wing) (*Tipulodina*). Type-locality: Paraguay, Pikade. Distr. — Paraguay.
- PARAGUAYENSIS (Alexander), 1935a:315 (*Tipula*). Type-locality: Paraguay, Guaira, Villarrica. Distr. — Paraguay.

- PERGLABRATUS (Alexander), 1953e:614, fig. 8 (male hypopygium) [*Longurio* (*Longurio*)]. Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- PHIADRA (Alexander), 1949b:461, figs. 1 (wing), 4 (male hypopygium) (*Macromastix*). Type-locality: Brazil, São Paulo, Campos do Jordão, Homem Morto. Distr. — Brazil.
- PYGMAEUS (Alexander), 1914f:351, pl. 15, fig. 1 (wing) (*Macromastix*). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- RABELLOI (Alexander), 1953c:615, fig. 9 (male hypopygium) [*Longurio* (*Longurio*)]. Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- SEROTINELLUS (Alexander), 1928c:245 (as 1927) (*Macromastix*). Type-locality: Chile, Valdivia, Panguipulli. Distr. — Chile. Ref. — Alexander, 1929a:14, fig. 29 (wing).
- SESSORIS (Alexander), 1953e:612, fig. 6 (male hypopygium) [*Longurio* (*Longurio*)]. Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- STENOSTYLA (Alexander), 1953a:8, figs. 2 (wing), 4 (male hypopygium) [*Longurio* (*Longurio*)]. Type-locality: Ecuador, Tungurahua, Río Blanco near Baños. Distr. — Ecuador.
- STYX (Alexander), 1954a:31, figs. 1 (wing), 3 (male hypopygium) [*Longurio* (*Longurio*)]. Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- TIJUCANUS (Alexander), 1943f:294, figs. 2 (wing), 4 (male hypopygium) [*Macromastix* (*Macromastix*)]. Type-locality: Brazil, Guanabara, Rio de Janeiro, Pico da Tijuca. Distr. — Brazil.
- TRAVASSOSANUS (Alexander), 1942i:45, figs. 11 (wing), 15 (male hypopygium) [*Macromastix* (*Macromastix*)]. Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- ZIKANELLUS (Alexander), 1953e:616 [*Longurio* (*Longurio*)]. Type-locality: Brazil, Rio de Janeiro, São Gonçalo, Barracão. Distr. — Brazil.

Subgenus PEHLKEA Enderlein

- PEHLKEA Enderlein, 1912:15 (as genus). Type-species, *columbiana* Enderlein (orig. des.) (Neotropical).
- COLUMBIANUS (Enderlein), 1912:15 (*Pehlkea*). Type-locality: "Colombia". Distr. — Colombia. Ref. — Alexander, 1914d:213, fig. 3 (wing).
- PALLITARSIS (Alexander), 1937c:483 [*Tanypremna* (*Pehlkea*)]. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador.
- REGINA (Alexander), 1914d:214, fig. 4 (wing) (*Tanypremna*). Type-locality: Colombia, Cordillera Central. Distr. — Colombia.
- REGULUS (Alexander), 1943b:104 [*Tanypremna* (*Pehlkea*)]. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.

Subgenus TANYPREMNA Osten Sacken

- TANYPREMNA Osten Sacken, 1886a:19 (as genus). Type-species, *opilio* Osten Sacken (mon.) (Neotropical).
- Stegasmaonotus* Enderlein, 1912:11. Type-species, *longissimus* Enderlein (orig. des.).

- AURANTIOTHORAX (Alexander), 1953e:608 [*Longurio (Tanypremna)*]. Type-locality: Peru, Loreto, Contamana, Cerro Azul. Distr. — Peru.
- BEZZIANUS (Alexander), 1921d:99 (*Tipula*). Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru.
- BORGMEIERI (Alexander), 1942g:167, figs. 1 (wing), 7 (male hypopygium) (*Tanypremna*). Type-locality: Brazil, Guanabara, Rio de Janeiro, Jardim Botânico. Distr. — Brazil.
- CALLIOPE (Alexander), 1945e:243 (*Tanypremna*). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- CARBONIPES (Alexander), 1938b:342, fig. 3 (wing) (*Tanypremna*). Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- CERRITA (Alexander), 1945e:215 (*Tanypremna*). Type-locality: Brazil, Rondônia, Guajará-Mirim, Vila Murinho. Distr. — Brazil.
- CLOTHO (Alexander), 1944h:370 (*Tanypremna*). Type-locality: Brazil, Rio de Janeiro, Palmeiras. Distr. — Brazil.
- ELEGANTIOR (Alexander), 1945b:51 (*Tanypremna*). Type-locality: "Colombia". Distr. — Colombia.
- FIELDIANUS (Alexander), 1956a:22 [*Longurio (Tanypremna)*]. Type-locality: Panama, Canal Zone. Distr. — Panama.
- FUSCITARSIS (Alexander), 1919a:149, fig. 16 (wing) (*Tanypremna*). Type-locality: Colombia, Magdalena, Mt. Santa Marta. Distr. — Colombia.
- HODGEI (Alexander), 1939d:92, figs. 1 (wing), 10 (male hypopygium) (*Tanypremna*). Type-locality: Lesser Antilles: Dominica, Morne Trois Pitons. Distr. — Dominica.
- HORRIDUS (Alexander), 1941a:235 (*Tanypremna*). Type-locality: Peru, Junín, Satipo. Distr. — Peru.
- INCOMPLETA (Alexander), 1944L:172, fig. 3 (male hypopygium) (*Tanypremna*). Type-locality: Venezuela, Miranda, Naiguata. Distr. — Venezuela.
- INVARIPES (Alexander), 1936d:749 (*Tanypremna*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- KADENI (Alexander), 1941a:232 (*Tanypremna*). Type-locality: "Venezuela". Distr. — Venezuela.
- LONGIPES (Fabricius), 1805:25 (*Tipula*). Type-locality: "South America." Distr. — Colombia, Guyana, Peru, Brazil. Ref. — Alexander, 1914d:208, fig. 1 (wing).
- LONGISSIMUS (Enderlein), 1912:11 (*Stegasmonotus*). Type-locality: Brazil, Espírito Santo. Distr. — Brazil. Ref. — Alexander, 1914d:209.
- MANICATUS (Osten Saeken), 1887b:240 (*Tanypremna*). Type-locality: "Brazil". Distr. — Brazil. Ref. — Alexander, 1914d:211.
- MIRANDA (Alexander), 1944j:146, fig. 4 (male hypopygium) (*Tanypremna*). Type-locality: Venezuela, Miranda, Río Chacaito. Distr. — Venezuela.
- OPILIO (Osten Saeken), 1886a:19, pl. 1, fig. 2 (*Tanypremna*). Type-locality: Guatemala, Verapaz, Purula. Distr. — Panama, Guatemala, Venezuela. Ref. — Alexander, 1914d:211, fig. 2 (wing).

- ORNATIPES (Alexander), 1941a:233 (*Tanypremna*). Type-locality: "Brazil". Distr. — Brazil.
- PERORNATUS (Alexander), 1929a:90 (*Tanypremna*). Type-locality: Venezuela, Táchira, La Fria. Distr. — Venezuela, Ecuador, Peru.
- PHYLAX (Alexander), 1953e:610 [*Longurio (Tanypremna)*]. Type-locality: Peru, Huanuco, Fundo Sinchono, Cordillera Azul. Distr. — Peru.
- PICTURELLUS (Alexander), 1941d:105 (*Tanypremna*). Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- PORTERIANUS PORTERIANUS (Alexander), 1936c:304, fig. 2 (wing) (*Tanypremna*). Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- ssp. LIMAI (Alexander), 1945c:245 (*Tanypremna*). Type-locality: Brazil, São Paulo, São Paulo, Sacomã. Distr. — Brazil.
- PROAVITA (Alexander), 1940f:390, figs. 2 (wing), 13 (male hypopygium) (*Tanypremna*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- SALOME (Alexander), 1945j:6, fig. 1 (male hypopygium) (*Tanypremna*). Type-locality: Brazil, São Paulo, Guarujá. Distr. — Brazil.
- SALTATRIX (Alexander), 1944h:369 (*Tanypremna*). Type-locality: Costa Rica, Talamanca, Rivas. Distr. — Costa Rica.
- SANCTAECATHARINAE (Alexander), 1945e:217 (*Tanypremna*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- UNIGUTTATUS (Alexander), 1953e:611 [*Longurio (Tanypremna)*]. Type-locality: Peru, Huanuco, Fundo Sinchono, Cordillera Azul, Divisoria. Distr. — Peru.

Subgenus TANYPREMNELLA Alexander

- Tanypremna*, subg. TANYPREMNELLA Alexander, 1938b:339. Type-species, *crystallina* Alexander (orig. des.). (Neotropical).
- ANTENNIFERUS (Alexander), 1942b:343, fig. 2 (wing) [*Tanypremna (Tanypremnella)*]. Type-locality: Peru, Junin, Satipo, Jauja. Distr. — Peru.
- CRYSTALLINA (Alexander), 1938b:340, fig. 2 (wing) [*Tanypremna (Tanypremnella)*]. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- GENTILIS (Alexander), 1943c:18 [*Tanypremna (Tanypremnella)*]. Type-locality: Venezuela, Bolivar, Akuriman, Gran Sabana. Distr. — Venezuela.
- MALDONADOI (Alexander), 1953d:147 [*Longurio (Tanypremnella)*]. Type-locality: Venezuela, Pacaraima Mts., Camp Benitez near foot of Mt. Marahuaca. Distr. — Venezuela.
- MEDIOCORNIS (Alexander), 1944d:300 [*Tanypremna (Tanypremnella)*]. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- MEGACERA (Alexander), 1943b:105 [*Tanypremna (Tanypremnella)*]. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- MICROCERA (Alexander), 1943b:106 [*Tanypremna (Tanypremnella)*]. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- PERDISTINCTUS (Alexander), 1942b:341, fig. 1 (wing) [*Tanypremna (Tanypremnella)*]. Type-locality: Peru, Junin, Satipo, Jauja. Distr. — Peru.

SEGNIPES (Alexander), 1953d:148 [*Longurio (Tanypremnella)*]. Type-locality: Bolivia, Cochabamba, Yungas de Cristal Mayu. Distr. — Bolivia.

TRANSFASCIATUS (Alexander), 1938b:342 [*Tanypremnella (Tanypremnella)*]. Type-locality: Ecuador, Napo-Pastaza, Jatun Yacu. Distr. — Ecuador.

Subgenus TANYPREMNODES Alexander

Tanypremnella, subg. TANYPREMNODES Alexander, 1924b:290. Type-species, *leucoplaca* Alexander (orig. des.) (Neotropical).

LEUCOPLAEA (Alexander), 1924b:291 [*Tanypremnella (Tanypremnodes)*]. Type-locality: Brazil, Pará, Upper Roeana (?). Distr. — Brazil. Ref. — Alexander, 1936e:303, fig. 3 (wing).

SUBAPIEALIS (Alexander), 1941a:236 [*Tanypremnella (Tanypremnodes)*]. Type-locality: Brazil, Santa Catarina, Blumenau. Distr. — Brazil.

Subgenus XENOTIPULA Alexander

XENOTIPULA Alexander, 1921b:171 (as genus). Type-species, *munroi* Alexander (orig. des.) (Ethiopian).

EISATLANTEUS (Alexander), 1937e:485 (*Xenotipula*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus MEGISTOCERA Wiedemann

MEGISTOCERA Wiedemann, 1820:41 (1821:41) (as *Maekistocera*, 1828:55). Type-species, *Tipula filipes* Fabricius (Maequart, 1838a:63; 1838:59) (Ethiopian), (See note in Alexander, 1965d:18).

LONGIPENNIS (Macquart), 1838a:61 (57), pl. 5, fig. 1 (whole insect) (*Tipula*). Type-locality: "Cuba". Distr. — Southeastern U. S. A., Guyana, Peru, Brazil, Bolivia, Argentina, Paraguay, Cuba, Jamaica, Puerto Rico, Trinidad. Refs. — Alexander, 1914d:216; 1932:354, fig. 1 (wing); 1964a:13, fig. 1 (wing).

tenuis Wulp, 1885:7 (*Tipula*). Type-locality: "Surinam". Distr. — Surinam. Ref. — Needham, 1908, pl. 16, fig. 2 (wing).

Genus NEPHROTOMA Meigen

Pales Meigen, 1800:14. Type-species, *Tipula dorsalis* Fabricius (Hendel, 1908:46). Suppressed by I.C.Z.N., 1963:339.

NEPHROTOMA Meigen, 1803:262. Type-species, *Tipula dorsalis* Fabricius (mon.) (Western Palearctic).

Pachyrhina Maequart, 1834:88. Type-species, *Tipula crocata* Linnaeus (Westwood, 1840:128).

Pachyrhina, *Pachyrina*, *Pachyrhyna*, emends. or errors.

AFFINIS (Bellardi), 1859:10 (1861:210) (*Tipula*). Type-locality: "Mexico". Distr. — Mexico. Identity uncertain.

ALLENI (Alexander), 1913e:206, pl. 7, fig. 5 (wing) (*Pachyrhina*). Type-locality: Colombia, Cauca, Valle de las Papas. Distr. — Colombia.

BOLIVIANA Alexander, 1947a:174. Type-locality: Bolivia, Cochabamba, Chapore. Distr. — Bolivia.

- CACUMINIS Alexander, 1945p:753. Type-locality: Ecuador. El Oro. Morro Morro, Pinas. Distr. — Ecuador.
- CIRCUMSCRIPTA (Loew), 1863:180 (*Pachyrrhina*). Type-locality: "Cuba". Distr. — Cuba, Jamaica. Ref. — Alexander, 1964a:14, fig. 3 (wing).
- CONSULARIS CONSULARIS (Osten Sacken), 1886a:17 (*Pachyrrhina*). Type-locality: Costa Rica, Cachc. Distr. — Nicaragua, Costa Rica, Venezuela, Peru, Brazil, Argentina, Paraguay.
- ssp. EMINENS Alexander, 1944j:149. Type-locality: Venezuela, Mérida, San Diego. Distr. — Venezuela.
- DAMPFI Alexander, 1925a:358, fig. 12 (wing). Type-locality: Mexico. Mt. Tlaloc. Distr. — Mexico.
- DURANGENSIS Alexander, 1953d:149. Type-locality: Mexico, Durango, 10 miles east of El Salto. Distr. — Mexico.
- ELEGANS (Fabricius), 1805:26 (*Tipula*). Type-locality: "South America." (Identity not known).
- ELEGANTULA (Williston), 1896a:295, pl. 10, fig. 70 (wing) (*Pachyrrhina*). Type-locality: Lesser Antilles: St. Vincent. Distr. — St. Vincent.
- FERRUGINEA (Fabricius), 1805:28 (*Tipula*). Type-locality: "North America". Distr. — North America.
- quadrilineata* Macquart, 1838a:54(50) (*Pachyrrhina*). Type-locality: "Mexico" (auct. Osten Sacken). Apparently correct.
- proxima* Bellardi, 1859:9 (1861:209) (*Tipula*). Type-locality: "Mexico" (auct. Osten Sacken). Apparently correct.
- GLABRICRISTATA Alexander, 1939d:102. Type-locality: Cuba, Oriente, Sierra del Cobre, Loma del Gato. Distr. — Cuba, Haiti, Dominica.
- LATEROPOLITA Alexander, 1938h:432. Type-locality: Costa Rica. San Pedro de Montes de Oca. Distr. — Costa Rica.
- MEDIOLIGULA Alexander, 1945g:67, fig. 2 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Colombia, Venezuela.
- MELANOXANTHA Alexander, 1962c:36, fig. 5 (wing). Type-locality: Bolivia, Yungas de Arepucho, Sihuenos. Distr. — Bolivia.
- MEXICANA (Macquart), 1846:140 (1846:12) (*Pachyrrhina*). Type-locality: "Mexico". Distr. — Mexico.
- NIGROLUTEA (Bellardi), 1859:11 (*Tipula*). Type-locality: "Mexico". Distr. — Mexico, Costa Rica. Supplementary notes, Osten Sacken, 1886a:16.
- ORDINARIA (Osten Sacken), 1886a:16 (*Pachyrrhina*). Type-locality: Mexico, Durango, Durango. Distr. — Mexico.
- PULCHELLA (Rondani), 1850:195 (*Pachyrrhina*). Type-locality: Brazil, São Paulo, Ilha de São Sebastião. Distr. — Brazil.
- PUNCTIFRONS (Macquart), 1838a:53(49) (*Pachyrrhina*). Type-locality: Brazil, "campos gerais, southern part". Distr. — Brazil, Argentina. Identity uncertain.
- USTA (Osten Sacken), 1886a:17 (*Pachyrrhina*). Type-locality: Costa Rica, Mt. Irazu, Río Sucio. Distr. — Costa Rica.

Genus OZODICERA Macquart

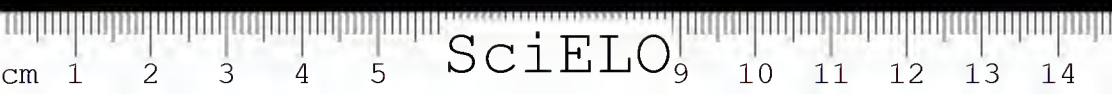
- OZODICERA Macquart, 1834:92. Type-species, *ochracea* Macquart (mon.) = *pectinata* (Wiedemann) (Neotropical).
- Hemiteina* Westwood, 1835c:450. Type-species, *gracilis* Westwood (mon.).

Subgenus DIHEXACLONUS Enderlein

- DIHEXACLONUS Enderlein, 1912:28 (as genus). Type-species, *Ozodicera apicalis* Maequart (orig. des.) (Neotropical).
- APICALIS Maequart, 1838a:52(48), pl. 4, fig. 1 (whole insect). Type-locality: Brazil, Western Minas Gerais. Distr. — Brazil.
- BIACULEATA Alexander, 1953e:604. Type-locality: Peru, Junín, Satipo. Distr. — Peru.
- EFFECTA Alexander. 1944f:19. Type-locality: Brazil, Minas Gerais, Alto Caparaó. Distr. — Brazil.
- FUMIPENNIS Loew, 1851:386, fig. 4 (antenna). Type-locality: "Brazil". Distr. — Brazil.
- GRACILIRAMA Alexander, 1941a:231. Type-locality: Bolivia, Santa Cruz. Distr. — Bolivia.
- GUIANENSIS Alexander, 1934b:303, figs. 11 (wing), 12, 13 (male hypopygium). Type-locality: Guyana, Bartica District. Kartabo. Distr. — Guyana.
- JESSEANA Alexander, 1945e:219. Type-locality: Brazil, Rondônia, Guajará-Mirim, Vila Murtinho. Distr. — Brazil.
- LANEI Alexander, 1942i:44, figs. 3 (wing), 5 (antenna), 10 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- LONGISECTOR Alexander, 1944e:36, fig. 1 (wing). Type-locality: Venezuela, Bolívar, Surukam, Caroni River. Distr. — Venezuela.
- MACRACANTHA Alexander, 1940f:384, fig. 10 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- NEIVAI Alexander, 1940f:383, figs. 1 (wing), 8 (antenna), 9 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- PANAMENSIS Alexander, 1922e:63. Type-locality: Panama, Río Chieco. Distr. — Panama.
- PERFUGA Alexander, 1944f:20. Type-locality: Brazil, Minas Gerais, Alto Caparaó. Distr. — Brazil.
- PUMILA Alexander, 1942h:424, fig. 2 (antenna). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- SPILOPHAEA Alexander, 1942b:338, fig. 3 (male hypopygium). Type-locality: Peru, Huanuco, Pumahuasi. Distr. — Peru.
- SUPERARMATA Alexander, 1942h:422, figs. 1 (antenna), 7, 8 (male hypopygium). Type-locality: Brazil, Paraná, Rio Negro. Distr. — Brazil.
- TERRIFICA Alexander, 1942i:40, figs. 1 (wing), 4 (antenna), 8 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- TRIGUTTATA Alexander, 1921d:94. Type-locality: Brazil, Amazonas, Tefé. Distr. — Brazil. Ref. — Alexander, 1934b:303, figs. 14, 15 (male hypopygium).
- TRIPALLENS Alexander, 1942i:42, figs. 2 (wing), 6, 7 (antenna), 9 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- UMBRIFERA Alexander, 1937b:236. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- XANTHOSTOMA Loew, 1851:387, fig. 5 (antenna). Type-locality: "Brazil". Distr. — Brazil.

Subgenus OZODICERA Macquart

- ATTENUATA Alexander, 1920b:8. Type-locality: Brazil, Pará, Prata. Distr. — Brazil.
- BIMACULATA Enderlein, 1912:27. Type-locality: Brazil, Espírito Santo. Distr. — Brazil.
- BISPINIFER Alexander, 1921d:96. Type-locality: Brazil, Amazonas, Tefé. Distr. — Brazil.
- CARRERELLA Alexander, 1956a:23. Type-locality: Brazil, Rio de Janeiro, Itatiaia. Distr. — Brazil.
- CAUDIFERA Alexander, 1945j:12, fig. 4 (male hypopygium). Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- CINEREIPENNIS Alexander, 1937b:235. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- CORRIENTESANA Alexander, 1962b:336 figs. 1 (wing), 6 (male hypopygium). Type-locality: Argentina, Corrientes, Manantiales. Distr. — Argentina.
- CYGNIFORMIS Alexander, 1953a:10, figs. 3 (wing), 5 (male hypopygium). Type-locality: Ecuador, Napo-Pastaza, Puyo. Distr. — Ecuador.
- DUIDENSIS Alexander, 1931b:2, figs. 1 (wing), 11, 12 (male hypopygium). Type-locality: Venezuela, Mount Duida. Distr. — Venezuela.
- GLIANA Alexander, 1953e:605. Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- EPICOSMA Alexander, 1926d:386. Type-locality: Brazil, Espírito Santo, Pôrto do Cadi. Distr. — Brazil.
- EURYSTYLA Alexander, 1953e:607, fig. 5 (male hypopygium). Type-locality: Peru, Loreto, Cachiayacu, Upper Ucayali River. Distr. — Peru.
- EXTENSA Alexander, 1921d:95. Type-locality: Brazil, Amazonas, Tefé. Distr. — Brazil.
- GRACILIS (Westwood), 1835c:450, figs. 16, 17 (*Hemictesina*). Type-locality: "Brazil". Distr. — Brazil. Ref. — Westwood, 1881:380, pl. 18, fig. 8 (antenna, wing).
- GRISEIPENNIS Loew, 1851:389, figs. 6-8. Type-locality: "Brazil". Distr. — Brazil.
- LONGIMANA (Fabricius), 1805:26 (*Tipula*). Type-locality: "South America". Distr. — South America.
- MULTIERMIS Alexander, 1942d:135. Type-locality: Ecuador, Napo-Pastaza, Rio Jatun Yaeu. Distr. — Ecuador. Ref. — Alexander, 1953a:14, fig. 6 (male hypopygium).
- NIROMARGINATA Alexander, 1938c:319. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- NOCTIVAGANS Alexander, 1914e:253. Type-locality: Guyana, Bartica. Distr. — Guyana.
- PECTINATA (Wiedemann), 1828:47 (*Tipula*). Type-locality: "Guyana". Distr. Guyana.
- ochracea* Macquart, 1834:92 (unnecessary nom. nov. for *pectinata* Wiedemann). Type-locality: "South America".
- PHALLACANTHA Alexander, 1942b:340, fig. 4 (male hypopygium). Type-locality: Peru, Huanuco, Leonpampa. Distr. — Peru.
- PIATRIX Alexander, 1944d:299. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.



- PLACATA Alexander, 1965b:339, fig. 1 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- SCHWARZMAIERANA Alexander, 1942h:426, figs. 4, 5 (antenna). Type-locality: Brazil, São Paulo, Pindamonhangaba. Distr. — Brazil.
- SEPTEMTRIONIS Alexander, 1940b:140. Type-locality: Mexico, Chiapas, Finca San Cristóbal. Distr. — Mexico.
- SIMPLEX (Walker), 1856:446 (*Ptilogyne*). Type-locality: "South America." Distr. — South America.
- STRIATIPENNIS Alexander, 1941b:139. Type-locality: Venezuela, Antimano. Distr. — Venezuela.
- STROHMI Alexander, 1945e:21. Type-locality: Brazil, Rondônia, Guajará-Mirim, Vila Murtinho. Distr. — Brazil.
- SUBVITTATA Alexander, 1938c:320. Type-locality: Brazil, Rio de Janeiro, Campo Belo. Distr. — Brazil.
- THAUMASTA Alexander, 1953e:608. Type-locality: Peru, Junín, Satipo. Distr. — Peru.
- FRISPINIFER Alexander, 1940a:275. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Rio Pastaza. Distr. — Ecuador. Ref. — Alexander, 1953a:14, fig. 7 (male hypopygium).
- WITTEANA Alexander, 1942h:428, figs. 6 (antenna), 9, 10 (male hypopygium). Type-locality: Brazil, Paraná, Rio Negro. Distr. — Brazil.
- ZIKANIANA Alexander, 1937b:234. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.

Genus PHACELODOCERA Enderlein

- PHACELODOCERA Enderlein, 1912:26. Type-species, *Ptilogyne flabellifera* Loew (orig. des.) (Neotropical).
- FLABELLIFERA (Loew), 1851:391, figs. 1-3 (venation, antenna, wing) (*Ptilogyne*). Type-locality: "Brazil". Distr. — Brazil. Ref. — Alexander, 1953e:600, figs. 2 (antenna), 3 (wing).

Genus TIPULA Linnaeus

- TIPULA Linnaeus, 1758:585. Type-species, *oleracea* Linnaeus (Latreille, 1810:442) (Western Palearctic). Refs. — Alexander, 1945k, 1945m, 1946d, 1951b, 1965e.

Subgenus BELLARDINA Edwards

- Tipula*, subg. BELLARDINA Edwards, 1931:82. Type-species, *craverii* Bellardi (orig. des.; as *cravieri*) (Neotropical).
- CRAVERII Bellardi, 1859:7, pl. 1, fig. 1 (wing); also 1861:207, pl. 1, fig. 1. Type-locality: "Mexico". Distr. — Mexico.
- CYDIPPE Alexander, 1947f:77, fig. 2 (male hypopygium). Type-locality: Venezuela, Aragua, Choroní. Distr. — Guatemala, Venezuela.
- EDWARDSI Bellardi, 1859:8, pl. 1, fig. 2 (wing) (also 1861:208, pl. 1, fig. 2). Type-locality: "Mexico". Distr. — Mexico.
- LARGA Alexander, 1946b:222, fig. 4 (wing and male hypopygium). Type-locality: Mexico, Michoacán, Uruapán. Distr. — Mexico.
- OBLIQUEFASCIATA Macquart, 1846:143(15), pl. 1, fig. 10 (female). Type-locality: Colombia [New Grenada] temperate region. Enderlein, 1912:6,

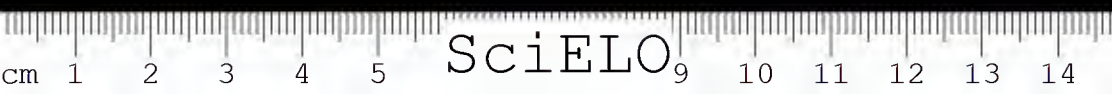


records it from Ecuador and Venezuela. Identity uncertain, presumed to belong to *Bellardina* and possibly the same as *theobromina*.

- PARRAI Alexander, 1940b:141. Type-locality: Mexico, Chiapas, Porvenir. Distr. — Mexico.
- SCHIZOMERA Alexander, 1940b:142. Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Southwestern U. S. A. to Mexico.
- THEOBROMINA Edwards, 1919:159, fig. 21 (ovipositor). Type-locality: Ecuador, Cuenca, 2532 meters. Distr. — Venezuela, Ecuador, Peru, Bolivia.
- WETMOREANA Alexander, 1947a:173. Type-locality: Guatemala, Tecpán, Sierra Santa Elena, 9500 feet. Distr. — Guatemala.

Subgenus EUMICROTIPULA Alexander

- Microtipula*, subg. EUMICROTIPULA Alexander, 1922d:74 Type-species, *macrotrichiata* Alexander (orig. des.) (Neotropical).
- ABORTIVA Alexander, 1914f:358. Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- ABSONA Alexander, 1937c:486. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador.
- ACCIPITRINA Alexander, 1946d:193. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
- ACCUMULATRIX Alexander, 1951b:297. Type-locality: Guatemala, Chicacao El Naranjo. Distr. — Guatemala.
- AEDON Alexander, 1947f:80, fig. 3 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- AGLOSSA Alexander, 1962c:40, figs. 25 (wing), 28 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- AGRIPPINA Alexander, 1945o:581. Type-locality: Ecuador, Bolívar, Hacienda Talahua. Distr. — Ecuador.
- ALBIFASCIATA Macquart, 1838a:62 (58). Type-locality: "Chile". Ref. — Alexander, 1929a:35. Identity uncertain.
- AMBYLTHRIX Alexander, 1967b:457, fig. 7 (male hypopygium). Type-locality: Peru, Huanuco, Sariapampa. Distr. — Peru.
- AMPHION Alexander, 1952b:101, fig. 2 (male hypopygium) (as 1951). Type-locality: Chile, Malleco, Curacautín, Termas de Río Blanco. Distr. — Chile.
- ANDALGALA Alexander, 1919a:150. Type-locality: Argentina, Catamarca, Cerro de Carocal. Distr. — Argentina.
- ANDINA Brèthes, 1909:88. Type-locality: Argentina, Mendoza, Puente del Inca. Distr. — Argentina.
- ANDROMACHE Alexander, 1950a:36. Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- ANGOLENSIS Alexander, 1944i:119, fig. 1 (male hypopygium). Type-locality: Chile, Malleco, Angol. Distr. — Chile.
- ANTARCTICA Alexander, 1920e:19, figs. 12, 16 (male hypopygium). Type-locality: Chile, Magallanes, Punta Arenas. Distr. — Chile, Argentina. Ref. — Alexander, 1929a:38.
- ANTHONYMPHA Alexander, 1928f:629. Type-locality: Argentina, Río Negro, Bariloche, L. Nahuel Huapi. Distr. — Chile, Argentina.

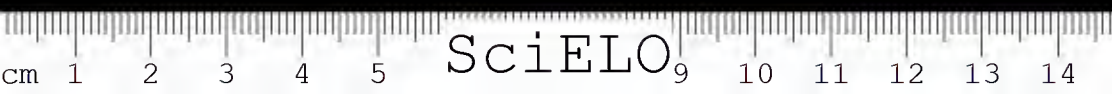


- APTEROGYNE Philippi, 1865:606. Type-locality: Chile, Valdivia. Distr. — Chile. Refs. — Alexander, 1928i:277, figs. 1, 2 (male hypopygium). 1929a:36.
- ARAGUENSIS Alexander, 1950a:37, fig. 2 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- ARAUCANIA Alexander, 1928i:280, figs. 6 — 8 (male hypopygium). Type-locality: Chile, Santiago, Macul. Distr. — Chile.
- ARECUNA Alexander, 1931b:3, figs. 13, 14 (male hypopygium). Type-locality: Venezuela, Mt. Roraima. Distr. — Venezuela.
- ARMILLATA Alexander, 1916a:30, pl. 4, fig. 8 (antenna) pl. 5, fig. 8 (male hypopygium). Type-locality: Colombia, Magdalena, La Cumbre. Distr. — Colombia.
- ASAROTON Alexander, 1962b:345, fig. 14 (male hypopygium). Type-locality: Argentina, Santa Cruz, Cachillo, Pié del Cerro, Lago Argentino. Distr. — Argentina.
- ASTERIA Alexander, 1951d:6, fig. 1 (male hypopygium). Type-locality: Peru, Huanuco, Sariapampa. Distr. — Peru.
- ATACAMA Alexander, 1912f:357, figs. d (wing), u (ovipositor). Type-locality: Bolivia, San Antonio. Distr. — Bolivia.
- ATAMELES Alexander, 1965b:345, fig. 5 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- ATROSCAPA Alexander, 1949b:470. Type-locality: Brazil, São Paulo, São Paulo, Ipiranga. Distr. — Brazil.
- ATROVELUTINA (Alexander), 1928f:624 [*Microtipula (Microtipula)*]. Type-locality: Paraguay, Santa Bárbara. Distr. — Paraguay.
- AURICOMATA Alexander, 1942b:366, figs. 14, 15 (male hypopygium). Type-locality: Peru, Huanuco, Piedras Grandes. Distr. — Peru.
- AUSTROANDINA Alexander, 1929a:54, pl. 5, figs. f (wing), 142, 143, 144 (male hypopygium). Type-locality: Argentina, Rio Negro, Lago Correntoso. Distr. — Argentina.
- AZTECA Alexander, 1925a:357. Type-locality: Mexico, Mt. Tlaloc. Distr. — Mexico.
- BAECKSTROEMI Alexander, 1920d:26. Type-locality: Chile, Juan Fernández, Masatierra. Distr. — Chile. Refs. — Alexander, 1929a:37; 1952c:39, figs. 1 (wing), 2 (male hypopygium).
- BALLOUI Alexander, 1938h:428. Type-locality: Costa Rica, Coliblanco. Distr. — Costa Rica.
- BARRETOI Alexander, 1923c:312. Type-locality: Argentina, Buenos Aires, Monte Veloz. Distr. — Argentina.
- BATHROMECES Alexander, 1962c:41, fig. 27 (antenna). Type-locality: Bolivia, Cuticucho, Yungas de Songo Valley. Distr. — Bolivia.
- BIGOTIANA Alexander, 1920e:15. Type-locality: Chile, Magallanes. Distr. — Chile. Ref. — Alexander, 1929a:38.
- BOGOTANA Alexander, 1938d:327. Type-locality: Colombia, Bogotá. Distr. — Colombia.
- ERETHESIANA Alexander, 1929a:45, figs. 121, 122, 123 (male hypopygium). Type-locality: Argentina, Rio Negro, Puerto Blest. Distr. — Argentina, Chile.
- BREVICOMA Alexander, 1944i:121. Type-locality: Chile, Malleco, Curacautín, Termas Río Blanco. Distr. — Chile.

- BROWNIANA Alexander, 1940c:107. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- BRUCHI Alexander, 1920b:10. Type-locality: Argentina, Buenos Aires. Distr. — Argentina.
- CALLISTO Alexander, 1944g:297, fig. 4 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- CALLITHRIX Alexander, 1944g:295, fig. 3 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- CAMPA Alexander, 1914f:358, pl. 15, figs. 5 (wing), 9-12 (male hypopygium), 18 (antenna). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- CAPUCINA Alexander, 1947f:82, fig. 4 (male hypopygium). Type-locality: Venezuela, Aragua, Choroní. Distr. — Venezuela.
- CARIZONA Alexander, 1913c:208, pl. 7, figs. 2 — 4 (male hypopygium), 7 (wing). Type-locality: Colombia, Cauca, Valle de las Papas. Distr. — Colombia, Ecuador, Peru. Ref. — Alexander, 1946d:195.
- sphaerulifera* Edwards, 1919:156, figs. 15 (ovipositor), 16, 17 (male hypopygium). Type-locality: Ecuador, Carchi, Tulcán. Distr. — Ecuador.
- CHACOPATA CHACOPATA Alexander, 1944L:174, fig. 1 (male hypopygium). Type-locality: Venezuela, Aragua, road between Maracay-Choroní. Distr. — Venezuela.
- ssp. CHANCA Alexander, 1945i:244. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- CHARMOSYNE Alexander, 1967b:459, fig. 8 (male hypopygium). Type-locality: Peru, Huanuco, Sariapampa. Distr. — Peru.
- CHICANA Alexander, 1945a:12. Type-locality: Ecuador, Tungurahua, Minza Chica. Distr. — Ecuador. Ref. — Alexander, 1945L:378, fig. 1 (male hypopygium).
- CHILENSIS Alexander, 1920c:13. Type-locality: Chile (unknown station in southern Chile). Distr. — Chile. Ref. — Alexander, 1929a:65, pl. 5, fig. e (wing).
- CHILLANICA Alexander, 1945f:10, fig. 11 (male hypopygium). Type-locality: Chile, Nuble, Termas de Chillán. Distr. — Chile.
- CHILOTA Alexander, 1929a:46, figs. 125, 126 (male hypopygium). Type-locality: Chile, Chiloé, near Puntra. Distr. — Chile.
- CLARKIANA Alexander, 1929a:55. Type-locality: Chile, Los Andes. Distr. — Chile.
- CLAVARIA Alexander, 1945o:583. Type-locality: Peru, Junín, Tarma, Huasahuasi. Distr. — Peru.
- CONSONATA Alexander, 1940d:202. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
- CONSPICILLATA Alexander, 1945i:234. Type-locality: Peru, Junín, Tarma, Moyobamba. Distr. — Peru, Bolivia. Ref. — Alexander, 1951d:7, fig. 2 (male hypopygium).
- CORONARIA Alexander, 1940d:207, fig. 4 (male hypopygium). Type-locality: Ecuador, Río Blanco near Baños. Distr. — Ecuador.
- COSTARICENSIS (Alexander), 1922a:6 [*Microtipula* (*Microtipula*)]. Type-locality: Costa Rica, Atirro. Distr. — Costa Rica.
- CREPERA Alexander, 1952b:103, fig. 3 (male hypopygium) (as 1951). Type-locality: Chile, Malleco, Termas de Río Blanco. Distr. — Chile.

- CRISTATA* Alexander, 1945g:72, fig. 5 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- CROSSOSPILA* Alexander, 1929a:50, figs. 9 (wing), 133-135 (male hypopygium). Type-locality: Chile, Llanquihue, Peulla. Distr. — Chile.
- CURINAO* Alexander, 1941f:361, pl. 15, figs. 3 (wing), 16 (antenna). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- CYCLOMERA* Alexander, 1951b:298, fig. 19 (male hypopygium). Type-locality: Peru, Huanuco, Chinchao. Distr. — Peru.
- DARLINGTONIANA* Alexander, 1939d:101. Type-locality: Hispaniola: Dominican Republic, Valle Nuevo, southeast of Constanza. Distr. — Dominican Republic.
- DELECTATA* Alexander, 1940d:203. Type-locality: Ecuador, Tungurahua, El Tablón near Baños. Distr. — Ecuador.
- DICTYOPHORA* Alexander, 1962c:43, fig. 29 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia.
- DIMORPHIA* Alexander, 1929a:63, fig. 35; pl. 5, figs. h (wing), 159, 161 (male hypopygium). Type-locality: Argentina, Misiones, Río Pichileufu. Distr. — Argentina, Chile.
- DUIDAE* Alexander, 1931b:4, fig. 15 (male hypopygium). Type-locality: Venezuela, Mt. Duida. Distr. — Venezuela.
- DUSENI* Alexander, 1920e:30, pl. 1, fig. 9 (male hypopygium). Type-locality: Chile, Aysén, Río Aysén. Distr. — Chile. Ref. — Alexander, 1929a:39.
- EFFICAX* Alexander, 1945a:14. Type-locality: Ecuador, Tungurahua, Pastaza, Río Blanco. Distr. — Ecuador.
- EMERITA* Alexander, 1944d:304. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Mayorga Playa. Distr. — Ecuador.
- ENDERLEINANA* Alexander, 1929a:49, figs. 130-132 (male hypopygium). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina, Chile.
- EXILIS* Alexander, 1916a:24, pl. 3, fig. 1 (wing); pl. 4, fig. 5 (antenna); pl. 5, figs. 2, 5 (male hypopygium). Type-locality: Peru, Lima, San Cristóbal Hill. Distr. — Peru.
- EXPLETA* Alexander, 1962c:44, fig. 26 (wing). Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- FATIDICA* Alexander, 1940a:280. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
- FAZI* Alexander, 1928f:630. Type-locality: Chile, Valdivia, L. Panguipulli. Distr. — Chile.
- FLAVIDULA* Alexander, 1940d:205, fig. 3 (male hypopygium). Type-locality: Ecuador, Mt. Tunguragua. Distr. — Ecuador, Peru, Bolivia.
- FLAVOANNULATA* Jacobs, 1900:106. Type-locality: Argentina, Magallanes, Morrochico, Valle Río Gallegas. Distr. — Argentina. Refs. — Jacobs, 1906:68, pl. 3, fig. 5 (entire male, color); Alexander, 1929a:37.
- FOERSTERI* Alexander, 1962c:46, figs. 30 (wing), 31 (male hypopygium). Type-locality: Bolivia, Cuticucho, Yungas de Songo Valley. Distr. — Bolivia.
- FOERSTERIANA* Alexander, 1967b:461, fig. 9 (male hypopygium). Type-locality: Colombia, Manizales. Distr. — Colombia.

- PORTIOR PORTIOR Alexander, 1951b:310, fig. 23 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia.
- ssp. AREPUCHOENSIS Alexander, 1962c:48, fig. 32 (male hypopygium). Type-locality: Bolivia, Yungas de Arepucho, Sihuenas. Distr. — Bolivia.
- ssp. KLAUSMA Alexander, 1962c:50. Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- FRAUDULENTA Alexander, 1928f:626. Type-locality: Ecuador, Chimborazo, Pallatanga. Distr. — Ecuador.
- FUEGIENSIS Alexander, 1920e:27, pl. 1, figs. 1, 6 (male hypopygium). Type-locality: Chile, Tierra del Fuego, Río Grande. Distr. — Chile. Ref. — Alexander, 1929a:64, figs. 11 (wing), 162-164 (male hypopygium).
- GLAPHYROPTERA Philippi, 1865:604. Type-locality: Chile, Valdivia. Distr. — Chile. Ref. — Alexander, 1929a:53, figs. g (wing), 139-141 (male hypopygium).
- GLOSSOPHORA Alexander, 1962c:51, fig. 33 (male hypopygium). Type-locality: Bolivia, Yungas de Arepucho, Sihuenas. Distr. — Bolivia.
- GRAPHICA Schiner, 1868:36. Type-locality: "South America." Distr. — South America. Identity uncertain; apparently close to *monilifera* Loew (q.v.).
- GUARANI Alexander, 1914f:357. Type-locality: Brazil, Rio Grande (?). Distr. — Brazil.
- HEDYMOPA Alexander, 1944d:303. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- HOSTIFICA Alexander, 1937d:600. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- HUANCA Alexander, 1945i:237. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- HYLONYMPIA Alexander, 1929a:57, figs. 147-149 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Chile.
- IGUAZUENSIS (Alexander), 1928f:625 [*Microtipula* (*Microtipula*)]. Type-locality: Argentina, Misiones, Iguazu Falls. Distr. — Argentina.
- IMMERENS Alexander, 1944c:40 [*Tipula* (*Microtipula*)]. Type-locality: Venezuela, Miranda, Río Chicaíto. Distr. — Venezuela.
- IMMORSA Alexander, 1945i:239, fig. 1 (male hypopygium). Type-locality: Peru, Junín, Tarma, Carapata. Distr. — Peru.
- INAEQUIARMATA Alexander, 1962c:52, fig. 34 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- INAEQUIDENS Alexander, 1946d:196, fig. 5 (male hypopygium). Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
- INCA Alexander, 1912f:351, figs. c (wing), l (male hypopygium). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- INCONDITA Alexander, 1951b:307. Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia. Ref. — Alexander, 1962c:54.
- INFIDELIS Alexander, 1951b:306. Type-locality: Peru, Huanuco, Chinchao. Distr. — Peru.
- INFINITA Alexander, 1945g:76, fig. 6 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.

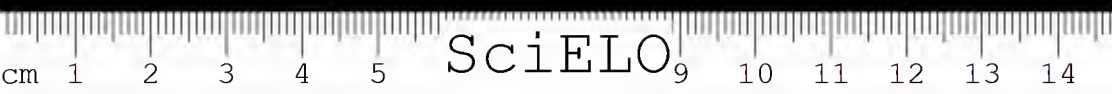


- INNUBENS Alexander, 1942b:363, fig. 16 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huasahuasi. Distr. — Peru.
- INVIGILANS Alexander, 1951b:312. Type-locality: Peru, Huanuco, Chinchao. Distr. — Peru.
- ITATIAYENSIS Alexander, 1944m:302. Type-locality: Brazil, Rio de Janeiro, Alto Itatiaia. Distr. — Brazil.
- JACOBSIANA Alexander, 1929a:43, figs. 118-120 (male hypopygium); pl. 5, fig. d (wing). Type-locality: Argentina, Rio Negro, Lago Correntoso. Distr. — Argentina.
- JAENNICKIANA Alexander, 1929a:47, pl. 5, fig. a (wing), figs. 127-129 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Chile.
- JIVARO Alexander, 1916a:25, pl. 3, fig. 2 (wing), pl. 4, fig. 6 (antenna), pl. 5, figs. 1, 3, 6 (male hypopygium). Type-locality: Ecuador, Chimborazo, Alaousi. Distr. — Ecuador.
- JUBILANS Alexander, 1940a:279. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Rio Pastaza. Distr. — Ecuador.
- JUVENTA Alexander, 1937c:488. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Rio Pastaza. Distr. — Ecuador.
- KATHEMA Alexander, 1965b:346, fig. 6 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- KUEHLHORN Alexander, 1962c:55, fig. 35 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- KUSCHEL Alexander, 1967b:463, fig. 11 (male hypopygium). Type-locality: Chile, Tierra del Fuego, Beagle Canal, Navarino Is., P. Williams. Distr. — Chile.
- LANIGERA LANIGERA Alexander, 1928f:628. Type-locality: Argentina, Rio Negro, Bariloche, L. Nahuel Huapi. Distr. — Argentina.
- ssp. TAU Alexander, 1944i:122. Type-locality: Chile, Cautín, Temuco. Distr. — Chile.
- LATEROSETOSA Alexander, 1931c:623. Type-locality: Colombia, Magdalena, Mt. Santa Marta, Vista Nieve. Distr. — Colombia.
- LATIFOLIA Alexander, 1944i:124, fig. 2 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Chile.
- LEGITIMA (Alexander), 1928f:623 [*Microtipula (Microtipula)*]. Type-locality: Paraguay, Guaira, Villarrica. Distr. — Paraguay.
- LIGULATA Alexander, 1929a:61, figs. 155-157 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Chile, Argentina. Ref. — Alexander, 1962b:347, fig. 13 (male hypopygium).
- LIGULIPENICILLATA Alexander, 1946b:229, fig. 12 (male hypopygium). Type-locality: Mexico, Michoacán, Cerro Tancitaro. Distr. — Mexico.
- LONGIBASIS Alexander, 1946d:179. Type-locality: Mexico, Morcos, Lagunas de Zempole. Distr. — Mexico.
- LONGURIODES Alexander, 1954d:140. Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- MACINTYREANA Alexander, 1941d:120, fig. 8 (male hypopygium). Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
- MACROTRICHIATA (Alexander), 1922d:74 [*Microtipula (Eumicrotipula)*]. Type-locality: Brazil, Rio de Janeiro, Serra dos Órgãos. Distr. — Brazil.



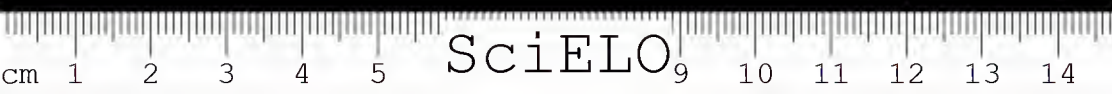
- MAGELLANICA Alexander, 1920e:21, figs. 10, 11, 14 (male hypopygium). Type-locality: Chile, Magallanes, Punta Arenas. Distr. — Chile, Argentina. Ref. — Alexander, 1929a:62, fig. 36; pl. 5, figs. c (wing), 158 (male hypopygium).
- magellanicola* Alexander, 1920e:22. Type-locality: Chile, Magallanes, Punta Arenas. Distr. — Chile. Ref. — Alexander, 1946d:177.
- MARMORIPENNIS Rondani, 1850:194. Type-locality: "Venezuela". Identity uncertain.
- MARTINEROWNI Alexander, 1946d:198, fig. 6 (male hypopygium). Type-locality: Ecuador, Chimborazo, Urbina. Distr. — Ecuador.
- MECOGLOSSA Alexander, 1967b:464, fig. 12 (male hypopygium). Type-locality: Colombia, Cundinamarca, Monterredondo. Distr. — Colombia.
- MEDIODENTATA Alexander, 1944g:293, fig. 2 (male hypopygium). Type-locality: Peru, Ayauecho, La Mar, Yanamonte. Distr. — Peru.
- MERIDIANA Edwards, 1919:160, figs. 23, 24 (male hypopygium), 25 (ovipositor). Type-locality: Ecuador, Tio Loma, 4260 meters. Distr. — Ecuador.
- MICROSPILOTA Alexander, 1928f:634. Type-locality: Chile, Malleco. Distr. — Chile.
- MIRANIIA Alexander, 1913c:210, pl. 7, fig. 1 (wing). Type-locality: Colombia, Cauca, Valle de las Papas. Distr. — Colombia.
- MITHRODATES Alexander, 1951b:303, figs. 21, 22 (male hypopygium). Type-locality: Peru, Huanuco, Chinchao. Distr. — Peru.
- MITUA Alexander, 1916a:29, pl. 3, fig. 4 (wing), pl. 4, fig. 7 (antenna), pl. 5, figs. 4, 7 (male hypopygium). Type-locality: Colombia, Cauca, Valle de las Papas. Distr. — Colombia.
- MOCOA Alexander, 1913c:210, pl. 7, fig. 6 (wing). Type-locality: Colombia, Cauca, Valle de las Papas. Distr. — Colombia.
- MOCTEZUMAE Alexander, 1925a:356, fig. 26 (male hypopygium). Type-locality: Mexico, Mt. Tlaloc. Distr. — Mexico.
- MONILIFERA Loew, 1851:404, figs. 26 (male antenna), 27 (wing). Type-locality: Brazil, Rio de Janeiro. Distr. — Brazil.
- MONILIFEROIDES Alexander, 1920f:221. Type-locality: Argentina, Buenos Aires, Monte Veloz. Distr. — Argentina, Brazil, Colombia. Ref. — Bruch, 1939a, pl. 3, fig. 6 (head of male), pl. 4, fig. 13 (wing), pl. 5, fig. 18 (entire male).
- MONILIFORMIS Röder, 1886:259. Type-locality: Colombia, Cerro del Altar, 3800 meters. Distr. — Colombia.
- MORDAX Alexander, 1945c:256, fig. 6 (male hypopygium). Type-locality: Brazil, São Paulo, Serra da Cantareira. Distr. — Brazil.
- MORPIIEA Alexander, 1946d:200, fig. 7 (male hypopygium). Type-locality: Ecuador, Mt. Tungurahua. Distr. — Ecuador.
- NAVARINOENSIS Alexander, 1962a:33. Type-locality: Chile, Tierra del Fuego, Beagle Canal, Is. Navarino. Distr. — Chile.
- NEIVAI Alexander, 1940e:895. Type-locality: Venezuela, Mérida, Páramo de Mucuchies. Distr. — Venezuela.
- NETHIS Alexander, 1965b:348. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- NIGRISCAPA Alexander, 1946d:184. Type-locality: Surinam, Marowijne near Gran Creek. Distr. — Surinam.

- NIMBINERVIS Alexander, 1946b:227, fig. 11 (male hypopygium). Type-locality: Mexico, Michoacán, Cerro Tancitaro. Distr. — Mexico.
- NOLENS Alexander, 1965b:349, fig. 7 (male hypopygium). Type-locality: Ecuador, Napo-Pastaza, Libertad. Distr. — Ecuador.
- NORDENSKJOELDI Alexander, 1920e:18, pl. 1, figs. 4, 8 (male hypopygium). Type-locality: Chile, Magallanes, Punta Arenas. Distr. — Chile, Argentina. Ref. — Alexander, 1929a:39.
- NOTHOFAGETORUM Alexander, 1929a:59, figs. 150, 151 (male hypopygium). Type-locality: Argentina, Río Negro, Puerto Blest. Distr. — Argentina.
- NOTORIA Alexander, 1942d:137. Type-locality: Ecuador, Napo-Pastaza, Pundoa. Distr. — Ecuador. Ref. — Alexander, 1951b:312, fig. 24 (male hypopygium).
- NOVALEONENSIS Alexander, 1940b:147. Type-locality: Mexico, Nuevo León, Cerro Potosi. Distr. — Mexico.
- NOVATRIX Alexander, 1942b:355. Type-locality: Peru, Huanuco, Piedras Grandes. Distr. — Peru.
- NUBIFERA Wulp, 1881:151, pl. 15, fig. 6. Type-locality: Argentina, Buenos Aires. Distr. — Argentina. Identity uncertain.
- OBIRATA Alexander, 1940a:277. Type-locality: Ecuador, Napo-Pastaza, Río Blanco, Yunguilla. Distr. — Ecuador.
- OBSCURICINCTA Alexander, 1940b:145. Type-locality: Mexico, Chiapas, Finca Vergel. Distr. — Mexico.
- ODONTOMERA Alexander, 1967b:467, fig. 13 (male hypopygium). Type-locality: Peru, Huanuco, Piedras Grandes. Distr. — Peru.
- OLSSONIANA Alexander, 1943c:19. Type-locality: Venezuela, Mérida, Páramo de Mucuchies. Distr. — Venezuela.
- OMNILUTEA Alexander, 1967b:468. Type-locality: Peru, Huanuco, Sariapampa. Distr. — Peru.
- ONA Alexander, 1920e:11. Type-locality: Chile, Tierra del Fuego, Río Grande. Distr. — Chile.
- OREONYMPIA Alexander, 1929a:56, figs. 145, 146 (male hypopygium). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina.
- ORIZABENSIS Alexander, 1941c:323, fig. 1 (wing). Type-locality: Mexico, Veracruz, Orizaba. Distr. — Mexico.
- ORNATICORNIS Wulp, 1891:195, pl. 12, fig. 2 (male hypopygium). Type-locality: "Colombia" [New Grenada]. Distr. — Colombia.
- OSCULATA Alexander, 1944d:301. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- PALENCA Alexander, 1944L:176, fig. 2 (male hypopygium). Type-locality: Venezuela, Mérida, Tabay. Distr. — Venezuela.
- PALITANS Alexander, 1965b:350, fig. 8 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- PALLIDINEURIS Macquart, 1846:144(16), pl. 2, fig. 1. Type-locality: "Colombia" (New Granada). Distr. — Colombia.
- pallidinervis* Alexander, 1914f:353. error.
- PALLIDISIGNATA PALIDISIGNATA Alexander, 1928i:284, figs. 10-12 (male hypopygium). Type-locality: Chile, Malleco. Distr. — Chile.
- ssp. SALUTATORIA Alexander, 1945f:12. Type-locality: Chile, Llanquihue, Cayutue. Distr. — Chile.



- PANTHERINA Alexander, 1941a:242. Type-locality: "Venezuela". Distr. — Venezuela.
- PARANENSIS Alexander, 1945d:262. Type-locality: Brazil, Paraná, Rio Negro. Distr. — Brazil.
- PARVILOBA Alexander, 1929a:60, figs. 152-154 (male hypopygium). Type-locality: Argentina, Rio Negro, Puerto Blest. Distr. — Argentina, Chile.
- PATAGONICA Alexander, 1920e:25, pl. 1, figs. 3, 5, 7 (male hypopygium). Type-locality: Chile, Magallanes, Punta Arenas. Distr. — Chile, Argentina. Ref. — Alexander, 1929a:38.
- PEDIFORMIS Alexander, 1962c:57, fig. 36 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- PERJOVALIS Alexander, 1944g:290. Type-locality: Peru, Ayacucho, La Mar. Yanamonte. Distr. — Peru.
- PERSTUDIOSA Alexander, 1937d:599. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- PETALURA Alexander, 1953b:20, figs. 1, 2 (male hypopygium). Type-locality: Chile, Chiloé Is., Chepu. Distr. — Chile.
- PETIOLARIS Alexander, 1940a:282. Type-locality: Ecuador, Napo-Pastaza, Mapotó, Río Pastaza. Distr. — Ecuador.
- PHALANGOIDES Alexander, 1945a:16. Type-locality: Ecuador, Tungurahua, Mt. Tungurahua, Minza Chica. Distr. — Ecuador. Ref. — Alexander, 1953a:11, fig. 8 (male hypopygium and antenna).
- PHILIPPINA Alexander, 1920b:12. Type-locality: Argentina, Santa Cruz, Valle Tunel. Distr. — Argentina, Chile. Ref. — Alexander, 1929a:37, fig. 10 (wing).
- PICTIPENNIS Walker, 1837:333. Type-locality: Chile, Magallanes, Port Famine, Straits of Magellan. Distr. — Chile. Ref. — Alexander, 1929a:35.
- FILULIFERA Edwards, 1919:154, figs. 9, 10 (male hypopygium). Type-locality: Ecuador, El Pelado, 4150 meters. Distr. — Ecuador.
- PIRIONI Alexander, 1928i:282, fig. 9 (male hypopygium). Type-locality: Chile, Bío-Bío. Distr. — Chile.
- PIRO Alexander, 1914f:360, figs. 4 (wing), 13 (male hypopygium), 17 (antenna). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- PLATYTERGATA Alexander, 1962c:58, fig. 37 (male hypopygium). Type-locality: Bolivia, Cuticucho, Yungas de Songo Valley. Distr. — Bolivia.
- PROCERICORNIS Edwards, 1919:155, figs. 11, 12 (male hypopygium). Type-locality: Ecuador, Chillacocha, 3900 meters. Distr. — Ecuador. Ref. — Alexander, 1967b:462, fig. 10 (male hypopygium).
- PROFUGA Alexander, 1937f:218. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- PROTRUDENS Alexander, 1952e:84, fig. 3 (male hypopygium). Type-locality: Argentina, Neuquén, Chapelco. Distr. — Argentina.
- PSITTACINA Alexander, 1962c:60, fig. 38 (male hypopygium). Type-locality: Bolivia, Yungas de Forestal. Distr. — Bolivia, Argentina.
- QUADRISSETOSA Alexander, 1951d:10, fig. 5 (male hypopygium). Type-locality: Peru, Huanuco, Carpish. Distr. — Peru.

- QUICHUA Alexander, 1916a:27, pl. 3, fig. 3 (wing). Type-locality: Peru, Lima, Matucana. Distr. — Peru.
- RECIPROCA Alexander, 1946d:181. Type-locality: Mexico, Michoacán, Cerro Tancitaro. Distr. — Mexico.
- REDUNCA Alexander, 1967b:469, fig. 14 (male hypopygium). Type-locality: Colombia, Manizales. Distr. — Colombia.
- REEDI Alexander, 1934d:176. Type-locality: Chile, Llanquihue, Cayutue, Lago Todos los Santos. Distr. — Chile.
- RESPLENDENS Alexander, 1946d:186, fig. 1 (male hypopygium). Type-locality: Ecuador, Tungurahua, Mt. Tungurahua, Minza Chico. Distr. — Ecuador.
- RIVETI RIVETI Edwards, 1919:158, figs. 18 (wing), 19, 20 (male hypopygium). Type-locality: Ecuador, El Pelado, 4151 meters. Distr. — Ecuador.
- ssp. TOLIMENSIS Alexander, 1941a:244. Type-locality: Colombia, Cordillera Central, Mt. Tolima. Distr. — Colombia.
- RUCANA Alexander, 1946d:189, fig. 2 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- RUFIROSTRIS Bigot, 1888:5, pl. 1, fig. 2 (wing). Type-locality: Chile, Tierra del Fuego. Distr. — Chile. Rcf. — Alexander, 1929a:36.
- RUNTUNENSIS Alexander, 1940d:209, fig. 5 (male hypopygium). Type-locality: Ecuador, Tungurahua, Runtun near Baños. Distr. — Ecuador.
- SARIAPAMPAE Alexander, 1967b:471, fig. 15 (male hypopygium). Type-locality: Peru, Huanuco, Sariapampa. Distr. — Peru.
- SATRAPA Alexander, 1952b:104, fig. 4 (male hypopygium) (as 1951). Type-locality: Chile, Chiloé Is., Río Coluco. Distr. — Chile.
- SCHACHOVSKOYI Alexander, 1952e:86, fig. 4 (male hypopygium). Type-locality: Argentina, Neuquén, Mt. Chapelco, near San Martín de los Andes. Distr. — Argentina.
- SCRIPTELLA Alexander, 1940c:109. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- SEMIVULPINA Alexander, 1944g:292. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- SERRILOBATA Alexander, 1941a:246. Type-locality: Chile, Malleco, Curacautín, Termas Río Blanco. Distr. — Chile.
- SERVAL Alexander, 1937c:490. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- SONGOANA Alexander, 1962c:62. Type-locality: Bolivia, Cuticucho, Yungas de Songo Valley. Distr. — Bolivia.
- SPATULIFERA Alexander, 1928f:632. Type-locality: Chile, Valdivia, L. Panquipulli. Distr. — Chile.
- SPILOTA Wiedemann, 1828:553. Type-locality: "Brazil". Distr. — Brazil. Identity uncertain.
- STEINBACHI Alexander, 1946d:191, fig. 3 (male hypopygium). Type-locality: Bolivia, Santa Cruz. Distr. — Bolivia.
- STENOGLLOSSA STENOGLLOSSA Alexander, 1942b:359, fig. 12 (male hypopygium). Type-locality: Peru, Huanuco, Piedras Grandes. Distr. — Peru.
- ssp. PROPITA Alexander, 1944g:295. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- SUAVISSIMA Alexander, 1951d:8, fig. 3 (male hypopygium). Type-locality: Peru, Huanuco, Sariapampa. Distr. — Peru.



- SUBANDINA Philippi, 1865:605. Type-locality: Chile, Santiago, foot of Andes. Distr. — Chile. Refs. — Alexander, 1928i:278, figs. 3-5 (male hypopygium), 13 (ovipositor); 1929a:35.
- SUBCANA Edwards, 1919:155, figs. 13, 14 (male hypopygium). Type-locality: Ecuador, Narihuíña, 3904 meters. Distr. — Ecuador.
- SUBGLABRATA Alexander, 1951b:301, fig. 20 (male hypopygium). Type-locality: Peru, Huanuco, Chinchao. Distr. — Peru.
- SUBULGULATA Alexander, 1941a:244. Type-locality: Chile, Malleco, Curacautín, Termas Río Blanco. Distr. — Chile.
- TANYMETRA Alexander, 1962e:64, figs. 39, 40 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia.
- TEHUELEHE Alexander, 1920e:17, figs. 13, 16, 17, 18 (male hypopygium), 19 (antenna), 20 (ovipositor). Type-locality: Chile, Tierra del Fuego, Río Grande. Distr. — Chilc, Argentina. Ref. — Alexander, 1929a:38.
- TEPIHRONOTA Alexander, 1942b:368. Type-locality: Peru, Huanuco, Piedras Grandes. Distr. — Peru.
- TERSA Alexander, 1928f:633. Type-locality: Chile, Bio-Bío. Distr. — Chile.
- TERSOIDES Alexander, 1945f:13, fig. 12 (male hypopygium). Type-locality: Chile, Ñuble, Termas de Chillán. Distr. — Chile.
- THALIA Alexander, 1945c:586. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- TOVARENSIS Alexander, 1947d:40, fig. 1 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- TRIEMARGINATA Alexander, 1935b:99, figs. 1-3 (male hypopygium). Type-locality: Chile, Metrenco. Distr. — Chile.
- TRISPILOTA Alexander, 1942b:356, fig. 11 (male hypopygium). Type-locality: Peru, Huanuco, Piedras Grandes. Distr. — Peru.
- TRISTILLATA Alexander, 1929a:52, figs. 8 (wing), 136-138 (male hypopygium). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina, Chile.
- TUNGURAGUANA Alexander, 1940d:211. Type-locality: Ecuador, Mt. Tungurahua, Chaupí. Distr. — Ecuador.
- TYRANNA Alexander, 1946d:182. Type-locality: Mexico, Michoacán, Cerro Tancitaro. Distr. — Mexico.
- UNISTRIATA Alexander, 1941e:242. Type-locality: "Brazil". Distr. — Brazil.
- URSULA Alexander, 1951d:9, fig. 4 (male hypopygium). Type-locality: Peru, Huanuco, Sariapampa. Distr. — Peru.
- VALDIVIANA Philippi, 1865:606. Type-locality: Chile, Valdivia. Distr. — Chile. Ref. — Alexander, 1929a:36.
- VARINEURA (Bigot), 1888:6, pl. 1, fig. 4 (wing) (*Nephrotoma*). Type-locality: Chile, Tierra del Fuego. Distr. — Chile. Ref. — Alexander, 1929a:36. Kertész, 1902:325, corrects the name to *variinervis*.
- VIRGULATA Williston, 1900:228. Type-locality: Mexico, Morelos, Amecameca. Distr. — Mexico.
- oreomyzoides* Alexander, 1926a:175. Type-locality: Mexico, Ajusco.
- VOTIVA Alexander, 1944h:374. Type-locality: Bolivia, Santa Cruz, Buena Vista. Distr. — Bolivia.
- WILLINKI Alexander, 1962b:348, fig. 16 (male hypopygium). Type-locality: Argentina, Santa Cruz, Lago Argentino, Calafate. Distr. — Argentina.

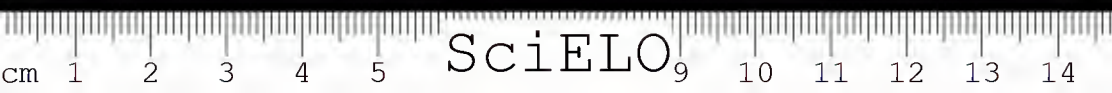
- WITTEI Alexander, 1920b:11. Type-locality: Argentina, Santa Cruz, Valle Tunc. Distr. — Argentina. Refs. — Alexander, 1929a:37, fig. 34 (wing); 1962b:350, fig. 15 (male hypopygium).
- WOYTKOWSKIANA Alexander, 1942b:361, fig. 13 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.
- YANAMONTEANA Alexander, 1945i:242, fig. 2 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- YUNGASENSIS Alexander, 1962c:65. Type-locality: Bolivia, Yungas de Songo Valley. Distr. — Bolivia.
- ZELTALE Alexander, 1928a:102. Type-locality: Mexico, Chiapas, near Gruta del Elcanto. Distr. — Mexico.
- ZEUGMATA Alexander, 1951d:12, fig. 6 (male hypopygium). Type-locality: Peru, Huanuco, Sariapampa. Distr. — Peru.
- ZOTZIL Alexander, 1928a:103. Type-locality: Mexico, Chiapas, Hueitpec. Distr. — Mexico.

Subgenus LUNATIPULA Edwards

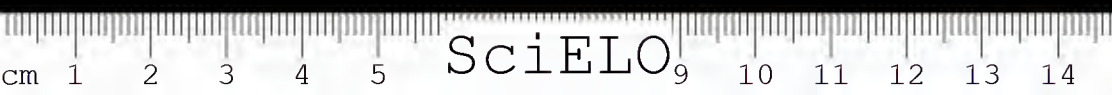
- Tipula*, subg. LUNATIPULA Edwards, 1931:81. Type-species, *lunata* Linnaeus (orig. des.) (Western Palearctic).
- ABSCISSA Alexander, 1946e:527. Type-locality: Mexico, Morelos, Tepoztlan. Distr. — Mexico.
- DAMPFIANA Alexander, 1946e:526. Type-locality: Mexico, Mt. Telapón, Valle de México. Distr. — Mexico.
- MICHOACANA Alexander, 1946b:230, figs. 7 (male wing), 8 (female wing). Type-locality: Mexico, Michoacán, Pedregal de Tancitaro. Distr. — Mexico.

Subgenus MICROTIPULA Alexander

- MICROTIPULA Alexander, 1912f:360 (as genus). Type-species, *amazonica* Alexander (orig. des.) (Neotropical).
- Tipula*, subg. *Nephrotomodes* Alexander, 1946b:224. Type-species, *smilodon* Alexander (orig. des.). Refs. — Alexander, 1945k:330, 9 figs.; 1945m:415, 25 figs.
- AEQUITORIALIS Alexander, 1940d:213. Type-locality: Ecuador, Napo-Pastaza, Río Upano, Macar. Distr. — Ecuador.
- insolabilis* Alexander, 1944g:287, fig. 1 (male hypopygium) [*Tipula* (*Nephrotomodes*)]. Type-locality: Peru, Huanuco, Afilador. Distr. — Peru.
- AFFABILIS Alexander, 1945c:247, fig. 1 (male hypopygium). Type-locality: Brazil, São Paulo, Serra da Cantareira. Distr. — Brazil.
- AKESTRA Alexander, 1965b:340, fig. 2 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- ALECTRO Alexander, 1945m:422, fig. 7 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- AMARA Alexander, 1951b:288, fig. 11 (male hypopygium). Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- AMAZONICA (Alexander), 1912f:361, figs. i (wing), q (male hypopygium) (*Microtipula*). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Brazil, Surinam.

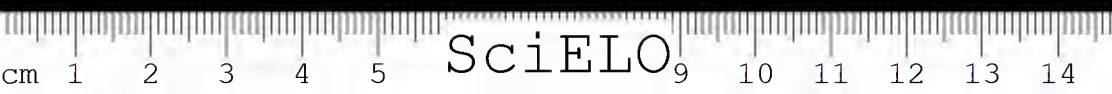


- AMOENICORNIS Alexander, 1922b:210. Type-locality: Argentina, Tucumán, San Pedro de Colalao. Distr. — Argentina. Ref. — Alexander, 1962b:341, fig. 10 (male hypopygium).
- APOLLYON Alexander, 1951b:292, fig. 13 (male hypopygium). Type-locality: Bolivia, Cochabamba, Paractito. Distr. — Bolivia.
- APPENDENS (Enderlein), 1912:14 (*Macromastix*). Type-locality: Ecuador. Santa Inez. Distr. — Ecuador.
- ARIRANIIAE Alexander, 1945k:338, fig. 2 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil, Paraguay.
- ARMATIPENNIS ARMATIPENNIS Alexander, 1912f:347, figs. g (wing), o (male hypopygium), v (ovipositor). Type-locality: Brazil, Mato Grosso, Chapada [dos Guimarães]. Distr. — Brazil, Argentina.
- ssp. NAPOENSIS Alexander, 1921d:98. Type-locality: Peru. Loreto, Napo River. Distr. — Peru.
- AURICULARIS Alexander, 1942d:136 [*Tipula (Nephrotomodes)*]. Type-locality: Ecuador, Manabí, Palmar, Playones. Distr. — Venezuela, Ecuador. Ref. — Alexander, 1945m:421, fig. 6 (male hypopygium).
- tecta* Alexander, 1926a:166 (preocc. Scudder, 1877). Type-locality: Venezuela, Táchira, Táchira. Ref. — Alexander, 1945m:421, fig. 5 (male hypopygium).
- subtecta* Alexander, 1964b:282 (unnecessary nom. nov. for *tecta* Alexander). Type-locality: Venezuela, Táchira, Táchira.
- AUSTROVOLENS Alexander, 1951b:270, fig. 1 (male hypopygium). Type-locality: Bolivia, Cochabamba, Yungas de Cristal Mayu. Distr. — Bolivia.
- AYMARA Alexander, 1912f:353, figs. b (wing), m (male hypopygium), s (ovipositor). Type-locality: Bolivia, San Antonio. Distr. — Bolivia. Ref. — Alexander, 1962c:67, fig. 41 (male hypopygium).
- BLIMEKI Alexander, 1941c:325, fig. 2 (wing). Type-locality: Mexico, Veracruz, Orizaba. Distr. — Mexico.
- BIPROLATA Alexander, 1967b:449, fig. 1 (male hypopygium). Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- BITRIBULA Alexander, 1967b:450, fig. 2 (male hypopygium). Type-locality: Peru, Madre de Dios, Avispas, 150 km west of Puerto Maldonado. Distr. — Peru.
- BLASERI Alexander, 1942g:171, figs. 3 (wing), 9 (male hypopygium). Type-locality: Brazil, Minas Gerais. Distr. — Brazil.
- BRASILIENSIS (Wiedemann), 1828:554, pl. VIb, figs. 13 (male antenna), 14 (wing) (*Megistocera*). Type-locality: "Brazil". Distr. — Brazil. Ref. — Osten Sacken, 1886b:184, note on type. Identity uncertain.
- BRUESI Alexander, 1945m:431, fig. 17 (male hypopygium). Type-locality: Lesser Antilles: Grenada, Grand Etang. Distr. — Grenada.
- CEROGAMA Alexander, 1944d:306 [*Tipula (Nephrotomodes)*]. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- CITHARIIFORMIS Alexander, 1967b:451, fig. 3 (male hypopygium). Type-locality: Ecuador, Napo-Pastaza, Libertad, Tena. Distr. — Ecuador.
- COLOMBICOLA Alexander, 1929d:768. Type-locality: Colombia, Chiriguana Dist., Lake Sapatoza Region. Distr. — Colombia.

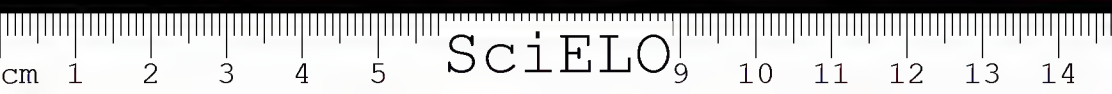


- CONTEMPLATA Alexander, 1951b:287, fig. 10 (male hypopygium). Type-locality: Guatemala, Nahualate. Distr. — Guatemala.
- CRASSISTYLA Alexander, 1965b:342, fig. 3 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- CTENOPYGA Alexander, 1940c:110. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- DECENS Alexander, 1942b:351, figs. 9, 10 (male hypopygium) [*Tipula (Nephrotomodes)*]. Type-locality: Peru, Huanuco, Pumahuasi. Distr. — Peru.
- DECOLORATA (Alexander), 1935a:314 (*Habromastix*). Type-locality: Paraguay, Santa Bárbara. Distr. — Paraguay, Brazil. Ref. — Alexander, 1962b:342, fig. 12 (male hypopygium).
- DETECTA Alexander, 1926a:165. Type-locality: Venezuela, Táchira, Táchira. Distr. — Venezuela.
- DIACANTHOS Alexander, 1921d:97. Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru.
- effera* Alexander, 1929b:89. Type-locality: Peru, San Ramón. Distr. — Peru.
- DIADEXIA Alexander, 1967b:453, fig. 4 (male hypopygium). Type-locality: Peru, Huanuco, Cordillera Azul, Divisoria. Distr. — Peru.
- DIDACTYLA Alexander, 1942b:348, fig. 7 (male hypopygium) [*Tipula (Nephrotomodes)*]. Type-locality: Peru, Huanuco, Pumahuasi. Distr. — Peru.
- DIDOLOS Alexander, 1962b:343, fig. 11 (male hypopygium). Type-locality: Argentina, Tucumán, Quebrada Cainzo, Tafi. Distr. — Argentina.
- DIRIABDOPHORA Alexander, 1951b:274, fig. 3 (male hypopygium). Type-locality: Panama, Canal Zone, Summit. Distr. — Panama.
- DISCOPHORA Alexander, 1951b: 281, fig. 7 (male hypopygium). Type-locality: Peru, Loreto, Pucallpa. Distr. — Peru.
- EFFEROX Alexander, 1945c:249, fig. 2 (male hypopygium). Type-locality: Brazil, São Paulo, São Paulo, Cidade Jardim. Distr. — Brazil.
- EFFETA Alexander, 1921d:100. Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru.
- EFFULTA Alexander, 1941d:109, fig. 2 (male hypopygium). Type-locality: Ecuador, Tungurahua, Río Blanco near Baños. Distr. — Ecuador. Ref. — Alexander, 1945m:425, fig. 10 (male hypopygium).
- EPIONE Alexander, 1944h:376. Type-locality: Bolivia, Santa Cruz, Buena-vista. Distr. — Bolivia.
- EROSTRATA Alexander, 1945m:424, fig. 8 (male hypopygium). Type-locality: Colombia, Boyaca, Muzo. Distr. — Colombia.
- EURYMERA EURYMERA Alexander, 1945c:250, fig. 3 (male hypopygium). Type-locality: Brazil, São Paulo, Serra da Cantareira. Distr. — Brazil.
- ssp. GOYAZICOLA Alexander, 1945c:252. Type-locality: Brazil, Goiás. Distr. — Brazil.
- ssp. PARAGUAYICOLA Alexander, 1945c:252. Type-locality: Paraguay, Santa Bárbara. Distr. — Paraguay.
- FALCIFER Alexander, 1944k:595. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- FELICIANA Alexander, 1945c:253, fig. 4 (male hypopygium). Type-locality: Brazil, São Paulo, Serra da Cantareira. Distr. — Brazil.

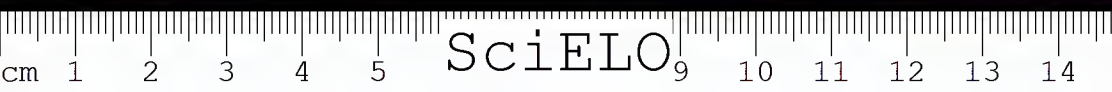
- FEROCIA Alexander, 1936e:57. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- FIEBRIGI Alexander, 1941a:241. Type-locality: Paraguay, San Bernardino. Distr. — Paraguay.
- FLAVOPOLITA Alexander, 1942g:172, fig. 10 (antenna). Type-locality: Brazil, Rio de Janeiro, Serra do Itatiaia ("Südabhang, Waldreg"). Distr. — Brazil.
- GLADIATOR Alexander, 1914f:356, figs. 6 (wing), 7 (male hypopygium). Type-locality: Brazil, Rio de Janeiro, Teresópolis. Distr. — Brazil.
- CUATO Alexander, 1912f:349, figs. e (wing), p (male hypopygium). Type-locality: Brazil, Mato Grosso, Chapada [dos Guimarães]. Distr. — Brazil.
- GUERREROENSIS Alexander, 1940b:149. Type-locality: Mexico, Guerrero, Taxco. Distr. — Mexico.
- GUTTICELLULA Alexander, 1936a:13. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- HETERODACTYLA Alexander, 1944k:593. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- HEXAMELANIA Alexander, 1951b:276, fig. 4 (male hypopygium). Type-locality: Guatemala, Chicacao, El Naranjo. Distr. — Guatemala.
- HISTRIONICA Alexander, 1945k:350. Type-locality: Costa Rica, San Mateo, Higuito. Distr. — Costa Rica.
- HORRIBILIS Alexander, 1945k:352, fig. 8 (male hypopygium). Type-locality: Bolivia, Santa Cruz, Buenavista. Distr. — Bolivia.
- ICASTA Alexander, 1941d:118, fig. 7 (male hypopygium). Type-locality: Ecuador, Napo-Pastaza, Jatun Yacu. Distr. — Ecuador. Ref. — Alexander, 1945m:433, fig. 18 (male hypopygium).
- IMPATIENS Alexander, 1951b:284, fig. 9 (male hypopygium). Type-locality: Peru, Huanuco, Fundo Sinchono. Distr. — Peru.
- INAEQUILOBATA Alexander, 1937f:220. Type-locality: Ecuador, Napo-Pastaza, Jatun Yacu, Napo Watershed. Distr. — Ecuador.
- INARMATA Alexander, 1928f:627. Type-locality: Argentina, Misiones, Puerto Bemberg. Distr. — Argentina.
- INFIDA Alexander, 1941d:116, fig. 6 (male hypopygium). Type-locality: Ecuador, Napo-Pastaza, Jatun Yacu. Distr. — Ecuador. Ref. — Alexander, 1945m:433, fig. 19 (male hypopygium).
- INTEMPERATA Alexander, 1943e:200 [*Tipula* (*Nephrotomodes*)]. Type-locality: Ecuador, Manabí, Palmar, Río Maizito. Distr. — Ecuador.
- JIVARONIS Alexander, 1943e:202 [*Tipula* (*Nephrotomodes*)]. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- JORDANENSIS Alexander, 1949b:469, fig. 8 (male hypopygium). Type-locality: Brazil, São Paulo, Campos do Jordão, Homem Morto. Distr. — Brazil.
- JUQUIELLA Alexander, 1945c:255, fig. 5 (male hypopygium). Type-locality: Brazil, São Paulo, Juquía. Distr. — Brazil.
- KLAGESI Alexander, 1945k:348, fig. 7 (male hypopygium). Type-locality: Brazil, Pará, Benevides. Distr. — Brazil.
- LAGOTIS Alexander, 1942g:169, figs. 2 (wing), 8 (male hypopygium). Type-locality: Brazil, Minas Gerais ?Río Bandeiro [Riacho dos Pan-deiros?]. Distr. — Brazil.



- LANGUIDULA Alexander, 1942b:347, fig. 6 (male hypopygium) [*Tipula (Nephrotomodes)*]. Type-locality: Peru, Huanuco, Piedras Grandes. Distr. — Peru.
- LATICOSTATA Alexander, 1937d:598. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- LETALIS Alexander, 1936e:55. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- LICHYANA Alexander, 1945g:69, figs. 3, 4 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- LUCTIFICA Alexander, 1940d:200. Type-locality: Ecuador, Napo-Pastaza, San Francisco. Distr. — Ecuador.
- LUTEILMBATA Alexander, 1944g:305. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- LYRIFORMIS Alexander, 1942b:350, fig. 8 (male hypopygium) [*Tipula (Nephrotomodes)*]. Type-locality: Peru, Lorcto, Iquitos. Distr. — Peru.
- MACROSTERNA (Alexander), 1912f:344, figs. k (male hypopygium), r (ovipositor) (*Pachyrhina*). Type-locality: Guatemala, Antigua. Distr. — Guatemala, Honduras.
- MANDATOR Alexander, 1945m:416, fig. 2 (male hypopygium). Type-locality: Costa Rica, San Mateo, Higuito. Distr. — Costa Rica.
- MANNIANA Alexander, 1945m:419, fig. 4 (male hypopygium). Type-locality: Bolivia, Beni, Ivón. Distr. — Bolivia.
- MEDIOCOMPRESSA Alexander, 1944k:589. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador, Peru.
- MEGALYRA Alexander, 1945m:436, fig. 24 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru, Ecuador.
- MONOCERA Alexander, 1967b:455, fig. 5 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- MULFORDI Alexander, 1945d:259. Type-locality: Bolivia, Beni, Cavinás. Distr. — Bolivia. Ref. — Alexander, 1945k:342, fig. 4 (male hypopygium).
- MULTIMODA Alexander, 1938d:328. Type-locality: Colombia, Puerto Boyaca, Magdalena Basin. Distr. — Colombia.
- MYRIATRICA Alexander, 1942b:344, fig. 5 (male hypopygium) [*Tipula (Nephrotomodes)*]. Type-locality: Peru, Huanuco, Piedras Grandes. Distr. — Peru.
- NEOLENTA Alexander, 1945k:334 (nom. nov. for *lenta* Alexander). Type-locality: Ecuador, Los Rios, Playas de Montalvo. Distr. — Ecuador. Ref. — Alexander, 1945m:436, fig. 22 (male hypopygium).
- lenta* Alexander, 1941d:112, fig. 4 (male hypopygium) (preocc. Harris, 1776). Type-locality: Ecuador, Los Rios, Playas de Montalvo.
- NICOYA Alexander, 1944h:377. Type-locality: Costa Rica, Talamanca, Pedregoso. Distr. — Costa Rica.
- NIGROABDOMINALIS (Alexander), 1936a:12 (*Habromastix*). Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- NIGROVARIEGATA Alexander, 1928f:627. Type-locality: Ecuador, Guayas, Bucay, Ventura. Distr. — Ecuador.
- NIOBE Alexander, 1947f:75, fig. 1 (male hypopygium). Type-locality: Venezuela, Aragua, Choroni. Distr. — Venezuela.
- OPIPARA Alexander, 1951b:294, fig. 14 (male hypopygium). Type-locality: Bolivia, Cochabamba, Yungas de Cristal Mayu. Distr. — Bolivia.



- ORTONI Alexander, 1945d:261. Type-locality: Bolivia, Beni, Cavinás. Distr. — Bolivia. Ref. — Alexander, 1945m:425, fig. 11 (male hypopygium).
- PALA Alexander, 1939c:429, figs. 1 (wing), 9, 10 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- PALAEOGAMA Alexander, 1944d:307 [*Tipula (Nephrotomodes)*]. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador. Ref. — Alexander, 1951b:292, fig. 15 (male hypopygium).
- PALOIDES Alexander, 1940f:393, fig. 15 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- PARALENTA Alexander, 1950a:35. Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica.
- PARARIA Alexander, 1965b:343, fig. 4 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- PARISHI Alexander, 1912f:355, fig. n (male hypopygium). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Brazil.
- PENANA Alexander, 1951b:273, fig. 2 (male hypopygium). Type-locality: Bolivia, Cochabamba, Yungas de Cristal Mayu. Distr. — Bolivia.
- PERANGUSTULA Alexander, 1938h:431. Type-locality: Colombia, Boyaca, Muzo. Distr. — Colombia, Venezuela.
- PERCOMPRESSA Alexander, 1944k:587. Type-locality: Ecuador, Pichincha, Santo Domingo de los Colorados. Distr. — Ecuador.
- PERCOMPTARIA Alexander, 1945m:433, fig. 20 (male hypopygium). Type-locality: Ecuador, Santiago-Zamora, Río Nanganitza, Mayaico. Distr. — Ecuador.
- PERDELECTA Alexander, 1942b:353 [*Tipula (Nephrotomodes)*]. Type-locality: Peru, Huanuco, Pumahuasi. Distr. — Peru.
- PERLATICOSTA Alexander, 1941a:240. Type-locality: "Brazil". Distr. — Brazil.
- PLAUMANNINA Alexander, 1945d:258. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Ref. — Alexander, 1945m:428, fig. 13 (male hypopygium).
- PLUMBETHORAX Alexander, 1921d:101. Type-locality: Peru, Loreto, Iquitos. Distr. — Peru.
- PONTIFEX Alexander, 1967b:456, fig. 6 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- PORRECTA Alexander, 1951b:280, fig. 6 (male hypopygium). Type-locality: Peru, Junín, Tarma, Utuyacu. Distr. — Peru.
- PRETIOSA Alexander, 1945m:428, fig. 14 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- PRITCHARDI PRITCHARDI Alexander, 1940b:148. Type-locality: Mexico, Michoacán, Pedregal de Tancitaro. Distr. — Mexico.
- ssp. GLABRISTYLA Alexander, 1946b:226 [*Tipula (Nephrotomodes)*]. Type-locality: Mexico, Michoacán, Pedregal de Tancitaro. Distr. — Mexico.
- PROCTOTRICHIA Alexander, 1945m:430, fig. 16 (male hypopygium). Type-locality: Ecuador, Santiago-Zamora, Nanganitza, Mayaico. Distr. — Ecuador.
- PROLIXISTERNA Alexander, 1941d:111, fig. 3 (male hypopygium). Type-locality: Ecuador, Napo-Pastaza, Jatun Yacu. Distr. — Ecuador. Ref. — Alexander, 1945m:436, fig. 23 (male hypopygium).
- QUADRICOLLIS Alexander, 1945k:354, fig. 9 (male hypopygium). Type-locality: Bolivia, Santa Cruz, Buenavista. Distr. — Bolivia.



- RECTANGULUS Alexander, 1951b:289, fig. 12 (male hypopygium). Type-locality: Peru, Junin, Chanchamayo. Distr. — Peru.
- REGRESSA Alexander, 1950a:34, fig. 1 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- RETROSA Alexander, 1962c:68, fig. 43 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- SCAPHULA Alexander, 1945m:438, fig. 25 (male hypopygium). Type-locality: Panama, Canal Zone, Barro Colorado Is. Distr. — Panama.
- SCELESTA Alexander, 1945m:415, fig. 1 (male hypopygium). Type-locality: Bolivia, Santa Cruz, Buenavista. Distr. — Bolivia.
- SCHILDEANA Alexander, 1945k:345, fig. 6 (male hypopygium). Type-locality: Costa Rica, San Mateo, Higuito. Distr. — Costa Rica.
- SCHWARZMAIERI Alexander, 1940f:392, figs. 4 (wing), 14 (male hypopygium). Type-locality: Brazil, Goiás, Campinas. Distr. — Brazil.
- SEPTEMHASTATA Alexander, 1962c:70, figs. 44, 45 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- SEXCINCTA Alexander, 1942i:50, fig. 14 (wing). Type-locality: Brazil, São Paulo, Serra da Cantareira. Distr. — Brazil.
- SMILODON Alexander, 1940d:196, fig. 1 (male hypopygium). Type-locality: Ecuador, Los Ríos, Playas de Montalvo. Distr. — Ecuador. Ref. — Alexander, 1945m:419, fig. 3 (male hypopygium).
- SMITHI Alexander, 1912f:350, figs. f (wing), w (ovipositor). Type-locality: Brazil, Mato Grosso, Chapada [dos Guimarães]. Distr. — Brazil.
- SPARSIPILA Alexander, 1962c:71, fig. 46 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- SPINICAUDA Alexander, 1919a:152. Type-locality: Panama, Río Chico near mouth of Río Porcona. Distr. — Panama.
- STERNOHIRSUTA Alexander, 1941d:115, fig. 5 (male hypopygium). Type-locality: Ecuador, Napo-Pastaza, Jatun Yacu. Distr. — Ecuador. Ref. — Alexander, 1945m:436, fig. 21 (male hypopygium).
- SUBARMATA Alexander, 1914a:247. Type-locality: Paraguay, San Bernardino. Distr. — Paraguay. Ref. — Alexander, 1942g:175, fig. 9 (male hypopygium).
- SUBAYMARA Alexander, 1962c:72, figs. 47-49 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- SUBEFFETA Alexander, 1951b:296, fig. 16 (male hypopygium). Type-locality: Peru, Tarapoto, San Martin. Distr. — Peru.
- SUBINFUSCATA Williston, 1896a:295, pl. 10, fig. 69 (wing). Type-locality: Lesser Antilles: St. Vincent. Distr. — St. Vincent.
- TANCITARO Alexander, 1946b:226, figs. 3 (wing), 6 (male hypopygium) [*Tipula (Nephrotomodes)*]. Type-locality: Mexico, Michoacán, Pedregal de Tancitaro. Distr. — Mexico.
- TEMPERATA Alexander, 1940b:146. Type-locality: Mexico, Chiapas, Finca Vergel. Distr. — Mexico.
- TENUICULA Enderlein, 1912:7. Type-locality: "Colombia". Distr. — Colombia.
- TENULOBATA Alexander, 1940d:198, fig. 2 (male hypopygium). Type-locality: Ecuador, Napo-Pastaza, Jatun Yacu. Distr. — Ecuador, Peru.



- TERPISCHORE Alexander, 1951b:277, fig. 5 (male hypopygium). Type-locality: Guatemala, Chicacao, El Naranjo. Distr. — Guatemala.
- TERRIBILIS Alexander, 1944k:591. Type-locality: Ecuador, Pinchincha, Santo Domingo de los Colorados. Distr. — Ecuador.
- TIJUCENSIS Alexander, 1943f:296, figs. 3 (wing), 5, 6 (male hypopygium). Type-locality: Brazil, Guanabara, Rio de Janeiro, Pico da Tijuca. Distr. — Brazil.
- TOPOENSIS Alexander, 1951b:283, fig. 8 (male hypopygium). Type-locality: Ecuador, Tungurahua, Río Topo. Distr. — Ecuador, Peru.
- TRICHOPROCTA Alexander, 1945k:335, fig. 1 (male hypopygium). Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- TRIHAETATA Alexander, 1945k:340, fig. 3 (male hypopygium). Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- TRINIDADENSIS (Alexander), 1912f:346, figs. h (wing), j (male hypopygium) (*Pachyrhina*). Type-locality: Trinidad. Port of Spain. Distr. — Trinidad.
- TRINITATIS Alexander, 1941c:327, figs. 3 (wing), 6 (male hypopygium). Type-locality: Trinidad, Fyzabad. Distr. — Trinidad.
- TUCUMANENSIS Alexander, 1945m:425, fig. 12 (male hypopygium). Type-locality: Argentina, Tucumán, Quebrada Famailla. Distr. — Argentina.
- UROPHORA Alexander, 1938h:429. Type-locality: Ecuador, Los Ríos, Playas de Montalvo. Distr. — Colombia, Ecuador. Ref. — Alexander, 1945m:423, fig. 9 (male hypopygium).
- VIRGILIA Alexander, 1951b:291. Type-locality: Peru, Loreto, Aguaitia. Distr. — Peru.
- VOLENS Alexander, 1944g:286 [*Tipula* (*Nephrotomodes*)]. Type-locality: Peru, Huanuco, Afilador. Distr. — Peru.
- ZETEKI Alexander, 1945k:342, fig. 5 (male hypopygium). Type-locality: Panama, Canal Zone, Barro Colorado Is. Distr. — Panama.
- ZONALIS Alexander, 1926a:164. Type-locality: Venezuela, Táchira, Táchira. Distr. — Venezuela.

Subgenus PECTINOTIPULA Alexander

- PECTINOTIPULA Alexander, 1920b: 9 (as genus). Type-species, *Ozodicerca argentina* Wulp (orig. des.) (Neotropical).
- ARGENTINA (Wulp), 1881:147, pl. 15, figs. 1, 2 (*Ozodicerca*). Type-locality: "Argentina". Distr. — Argentina. Refs. — Alexander, 1962c:38, fig. 21 (male hypopygium); Bruch, 1939a, pl. 3, fig. 8 (head of male).
- BOLIVIENSIS (Alexander), 1946f:297 (*Pectinotipula*). Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia. Ref. — Alexander, 1962c:38, fig. 22 (male hypopygium).
- TITICACAE (Alexander), 1944g:284 (*Pectinotipula*). Type-locality: Peru, Puno, Chucuito. Distr. — Peru, Bolivia. Ref. — Alexander, 1962c:38, fig. 24 (male hypopygium, antenna).
- TUCUMANA (Alexander), 1946f:299 (*Pectinotipula*). Type-locality: Argentina, Tucumán, Quebrada Famailla. Distr. — Argentina. Ref. — Alexander, 1962c:38, fig. 23 (male hypopygium).

Subgenus PTERELACHISUS Rondani

- PTERELACHISUS Rondani, 1842:243 (as genus). Type-species, *bertei* Rondani (mon.) (Western Palaearctic).
Oreomyza Pokorny, 1887:50 (as genus). Type-species, *glacialis* Pokorny (Coquillett, 1910:580).
Tipula, subg. *Geotipula* Savtshenko, 1964:15. Type-species, *variipennis* Meigen (orig. des.).
 BELLARDIANA Alexander, 1926a:173. Type-locality: Mexico, Chapingo. Distr. — Mexico.

Subgenus TRICHOTIPULA Alexander

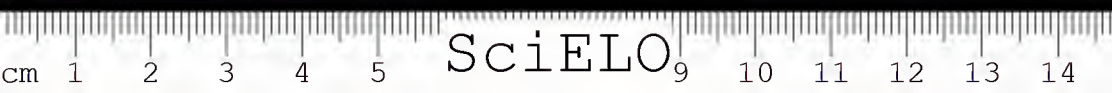
- Tipula*, subg. TRICHOTIPULA Alexander, 1915d:468. Type-species, *oropexoides* Johnson (orig. des.) (Nearctic).
 APLECTA Alexander, 1946b:220, figs. 2 (wing), 5 (male hypopygium). Type-locality: Mexico, Michoacán, Pedregal de Tancitaro. Distr. — Mexico.
 KRAUSI Alexander, 1946e:522. Type-locality: Mexico, Morelos, Cuernavaca. Distr. — Mexico.
 RELIGIOSA Alexander, 1946a:119. Type-locality: Mexico, México, D.F. Distr. — Mexico.
 SELANDERI Alexander, 1956a:24. Type-locality: Mexico, Guanajuato, Irapuato. Distr. — Mexico.
 UXORIA Alexander, 1946e:525. Type-locality: Mexico, Morelos, Cuernavaca. Distr. — Mexico.
 VULTUOSA Alexander, 1946e:523. Type-locality: Mexico, Morelos, Cuernavaca. Distr. — Mexico.

Subgenus TRIPLICITIPULA Alexander

- Tipula*, subg. TRIPLICITIPULA Alexander, 1965c:354. Type-species, *triplex* Walker (orig. des.) (Nearctic).
 HOOGSTRAALI Alexander, 1940b:144. Type-locality: Mexico, Nuevo León, Cerro Potosi. Distr. — Mexico.

Subgenus YAMATOTIPULA Matsumura

- YAMATOTIPULA Matsumura, 1916:461 (as genus). Type-species, *nohirae* Matsumura (orig. des.) = *nova* Walker (Eastern Palaearctic).
 JAMAICENSIS Alexander, 1928g:27, fig. 2 (wing) [*Tipula* (*Tipula*)]. Type-locality: Jamaica, Clarendon. Distr. — Jamaica. Ref. — Alexander, 1964a:15, fig. 4 (wing).
 LUDOVICIANA Alexander, 1919c:196. Type-locality: U.S.A., Louisiana. Distr. — Southeastern U.S.A., Cuba.
 SAYI Alexander, 1911a:194 (nom. nov. for *costalis* Say). Type-locality: "Eastern North America". Distr. — Eastern North America, Bermuda.
costalis Say, 1823:23 (1859:48) (preocc. Swederus, 1787). Type-locality: "Eastern North America". Ref. — Johnson, 1913:443.
 SUBVIRGO Alexander, 1951b:268, fig. 18 (male hypopygium). Type-locality: Mexico, 44 km west of Toluca. Distr. — Mexico.
 VIRGO Osten Sacken, 1886a:14. Type-locality: Mexico, Durango, Durango City. Distr. — Mexico.

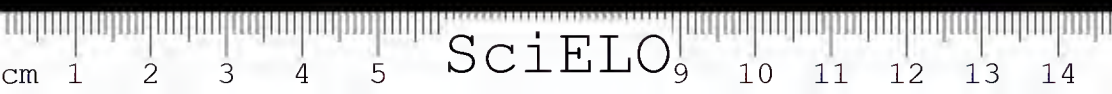


Genus VALDIVIANA Alexander

- VALDIVIANA Alexander, 1929a:17. Type-species, *edwardsina* Alexander (orig. des.) (Neotropical).
- EDWARDSINA Alexander, 1929a:17, figs. 1 (wing), 113 (male hypopygium). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina.
- NEUQUENENSIS Alexander, 1962b:338, figs. 2 (wing), 9 (male hypopygium). Type-locality: Argentina, Neuquén, Cerro Malo. Distr. — Chile, Argentina.
- SHANNONINA Alexander, 1929a:19, fig. 32 (wing). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile.
- SYNEMPORA Alexander, 1929a:20, fig. 2 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina.

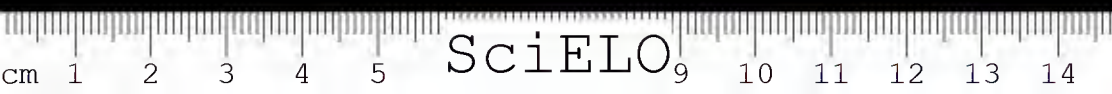
Genus ZELANDOTIPULA Alexander

- Holorusia*, subg. ZELANDOTIPULA Alexander, 1922f:522. Type-species, *Tipula novarae* Schiner (orig. des.) (Australasian: New Zealand). Ref. — Vane-Wright, 1967.
- ACUTISTYLA (Alexander), 1945p:749 [*Holorusia* (*Holorusia*)]. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- ASSOCIANS (Walker), 1861:333 (*Tipula*). Type-locality: "Southern Mexico". Distr. — Mexico, Guatemala. Ref. — Vane-Wright, 1967:517, fig. 12 (wing), p. 523, figs. 31, 32 (male hypopygium).
- guatemalensis* Alexander, 1926a:161 [*Holorusia* (*Holorusia*)]. Type-locality: "Guatemala".
- BISATRA (Alexander), 1962c:19, figs. 2 (wing), 6 (antenna) [*Holorusia* (*Holorusia*)]. Type-locality: Bolivia, Cuticucho, Yungas de Songo Valley. Distr. — Bolivia.
- CALVICORNIS (Edwards), 1919:161, fig. 26 (male hypopygium) (*Prionocera*). Type-locality: Ecuador, Carchi, La Rinconada, 3200 meters. Distr. — Ecuador. Ref. — Vane-Wright, 1967:517, fig. 13 (wing).
- CALYPSO (Alexander), 1945p:740 (*Holorusia*). Type-locality: Ecuador, Tungurahua, Río Blanco, near Baños. Distr. — Ecuador.
- CATAMARCENSIS (Alexander), 1920f:219 (*Holorusia*). Type-locality: Argentina, Catamarca, Esquina Grande. Distr. — Argentina.
- CELESTISSIMA (Alexander), 1953e:602 [*Holorusia* (*Holorusia*)]. Type-locality: Peru, Huanuco, Chinchao. Distr. — Peru.
- CHIMBORAZO (Alexander), 1945p:736 [*Holorusia* (*Holorusia*)]. Type-locality: Ecuador, Chimborazo, El Calera, near San Juan. Distr. — Ecuador.
- CRISTALTA (Alexander), 1946f:296 [*Holorusia* (*Holorusia*)]. Type-locality: Bolivia, Santa Cruz, Buenavista. Distr. — Bolivia. Ref. — Alexander, 1962c:22, fig. 14 (male hypopygium).
- CRISTIFERA (Alexander), 1945p:751 [*Holorusia* (*Holorusia*)]. Type-locality: Ecuador, Santiago-Zamora, Río Nangarico, Mayaico. Distr. — Ecuador.
- CRISTOBTUSA (Alexander), 1946f:295 [*Holorusia* (*Holorusia*)]. Type-locality: Bolivia, Santa Cruz, Buenavista. Distr. — Bolivia. Ref. — Alexander, 1962c:22, fig. 15 (male hypopygium).



- FASLIANA (Alexander), 1962c:22, figs. 7 (antenna), 16 (male hypopygium) [*Holorusia (Holorusia)*]. Type-locality: Bolivia, Cuticucho, Yungas de Songo Valley. Distr. — Bolivia.
- FLAVICORNIS (Alexander), 1914f:352, pl. 15, fig. 2 (wing) (*Holorusia*). Type-locality: "Venezuela". Distr. — Venezuela.
- FLAVOGENUALIS (Alexander), 1945p:742 [*Holorusia (Holorusia)*]. Type-locality: Peru, Ayacucho, La Mar, Yanamontc. Distr. — Peru.
- FORSTERIANA (Alexander), 1962c:24, figs. 8 (antenna), 17 (male hypopygium) [*Holorusia (Holorusia)*]. Type-locality: Bolivia, Cuticucho, Yungas de Songo Valley. Distr. — Bolivia.
- FURCIFERA (Alexander), 1944h:373 [*Holorusia (Holorusia)*]. Type-locality: Costa Rica, Talamanca, Pedregoso. Distr. — Costa Rica.
- GRACILIPES (Walker), 1836:333 (*Tipula*). Type-locality: "Brazil". Distr. — Brazil. Ref. — Vane-Wright, 1967:519, fig. 16 (wing base), p. 523, fig. 35 (male hypopygium).
- HORNI (Alexander), 1926c:389 (*Holorusia*). Type-locality: Brazil, São Paulo, São Paulo. Butantã. Distr. — Brazil.
- INFERNALIS (Alexander), 1947d:38 [*Holorusia (Holorusia)*]. Type-locality: Venezuela, Aragua, road between Maracay and Choroni. Distr. — Venezuela.
- JUTURNA (Alexander), 1945p:738 [*Holorusia (Holorusia)*]. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru, Paraguay.
- LAEVIS (Alexander), 1914f:353, pl. 15, figs. 8 (male hypopygium), 15 (antenna) (*Holorusia*). Type-locality: Paraguay, Asunción. Distr. — Brazil, Paraguay. Ref. — Vane-Wright, 1967:514, fig. 3 (wing), p. 520, fig. 18 (antenna).
- LASSULA (Alexander), 1940a:276 (*Holorusia*). Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador.
- LONGITARSIS (Macquart), 1846:145 (17), pl. 2, fig. 2 (*Tipula*). Type-locality: "Venezuela". Distr. — Colombia, Venezuela.
- LUTEIVENA (Alexander), 1946f:293 [*Holorusia (Holorusia)*]. Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia. Ref. — Alexander, 1962c:26, fig. 18 (male hypopygium).
- MONOSTICTULA (Alexander), 1945p:745 [*Holorusia (Holorusia)*]. Type-locality: Peru, Huanuco. Distr. — Ecuador, Peru.
- NEUROTICHIA (Alexander), 1962c:27, fig. 9 (antenna) [*Holorusia (Holorusia)*]. Type-locality: Bolivia, La Paz. Distr. — Bolivia.
- NIGROSETOSA (Alexander), 1945p:744 [*Holorusia (Holorusia)*]. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- OROPHILA (Alexander), 1914f:354, pl. 15, fig. 14 (antenna) (*Holorusia*). Type-locality: Colombia, San Lorenzo Mountain. Distr. — Colombia.
- FARVICEPS (Speiser), 1909:56 (*Tipula*; nom. nov. for *microcephala* Wulp). Type-locality: Lesser Antilles: Is. Guadeloupe. Distr. — Guadeloupe Is.
- microcephala* Wulp, 1881:150, pl. 15, fig. 4 (*Tipula*; preocc. Bigot, 1858). Type-locality: Lesser Antilles, Guadeloupe Is.
- vanderwulpi* Alexander, 1912f:344 (*Tipula*; unnecessary nom. nov. for *microcephala* Wulp). Type-locality: Lesser Antilles, Guadeloupe Is.

- PARVIMACULA (Alexander), 1945d:257 [*Holorusia (Holorusia)*]. Type-locality: Brazil, Guanabara, Rio de Janeiro, Manguinhos. Distr. — Brazil.
- PERSTRANGALIA (Alexander), 1962c:29, fig. 3 (wing). [*Holorusia (Holorusia)*]. Type-locality: Bolivia, Santa Cruz, Buenavista. Distr. — Bolivia.
- PERUVIANA (Alexander), 1914f:355 (*Holorusia*). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- FLAGIFERA (Alexander), 1943d:125 [*Holorusia (Holorusia)*]. Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- RINGENS (Alexander), 1935a:316 (*Holorusia*). Type-locality: Paraguay, Guaira, Villarrica. Distr. — Brazil, Paraguay.
- SCHINERI (Alexander), 1934b:303 (*Holorusia*; nom. nov. for *eluta* Schiner). Type-locality: "Brazil". Distr. — Guyana, Brazil.
- eluta* Schiner, 1868:351 (*Tipula*; preocc. Loew, 1863). Type-locality: "Brazil".
- SINUOSA (Alexander), 1926a:160 (*Holorusia*). Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru.
- SONGOENSIS (Alexander), 1962c:30, fig. 4 (wing) [*Holorusia (Holorusia)*]. Type-locality: Bolivia, Cuticucho, Yungas de Songo Valley. Distr. — Bolivia.
- STRANGALIA (Alexander), 1926a:162 (*Holorusia*). Type-locality: Venezuela, Táchira, La Fría. Distr. — Venezuela.
- SUBFURCIFERA (Alexander), 1945L:375 [*Holorusia (Holorusia)*]. Type-locality: Honduras, Puerto Castilla. Distr. — Honduras.
- SUBLAEVIS (Alexander), 1938c:322 (*Holorusia*). Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- SUBTARDA (Alexander), 1935a:318 (*Holorusia*). Type-locality: Paraguay, Caraveni. Distr. — Paraguay.
- TARDA (Alexander), 1935a:317 (*Holorusia*). Type-locality: Paraguay, Guaira, Villarrica. Distr. — Brazil, Paraguay.
- TRIATRA (Alexander), 1962c:31, figs. 11 (antenna), 19 (male hypopygium) [*Holorusia (Holorusia)*]. Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia.
- TRICHONEURA (Alexander), 1962c:33, fig. 10 (antenna) [*Holorusia (Holorusia)*]. Type-locality: Bolivia, Cuticucho, Yungas de Songo Valley. Distr. — Bolivia.
- TUBERCULIFERA (Alexander), 1953e:603, fig. 4 (male hypopygium) [*Holorusia (Holorusia)*]. Type-locality: Peru, Tarapoto, San Martín. Distr. — Peru.
- UNIATRA (Alexander), 1945p:734 [*Holorusia (Holorusia)*]. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- VIVIDA (Alexander), 1941d:107, fig. 1 (male hypopygium) (*Holorusia*). Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
- VULPES (Alexander), 1945d:256 [*Holorusia (Holorusia)*]. Type-locality: Brazil, Paraná, Rio Negro. Distr. — Brazil.
- YUNGASICOLA (Alexander), 1962c:34, fig. 13 (antenna) [*Holorusia (Holorusia)*]. Type-locality: Bolivia, Yungas de Coroico. Distr. — Bolivia.
- ZAMORAE (Alexander), 1945p:747 [*Holorusia (Holorusia)*]. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.



Unplaced Tipulinae

- ALBOCOSTATA Macquart, 1846:143 (16) (*Tipula*). Type-locality: Colombia, Santa Fe de Bogotá. Kertész (1902) gives this as "Brazil". Type lost; Vane-Wright (1967) places it in list of species dubiae, and indicates that it possibly might be an *Ischnotoma* or a *Tipula*.
- ELONGATA Macquart, 1838:54 (50) pl. 4, fig. 2 (whole insect), 2a (head) (*Pachyrhina*). Type-locality: unknown (possibly may be neotropical).
- FILIGERA Walker, 1856:443 (*Tipula*). Type-locality: "South America". Identity uncertain.
- FLAVIPENNIS Philippi, 1865:607 (*Tipula*). Type-locality: Chile, Valdivia. (May belong to *Ischnotoma*). Ref. — Alexander, 1929a:36.
- PRAESES Alexander, 1942j:29 (*Tipula*; nom. nov. for *fumipennis* Alexander). Type-locality: Peru, Pichís and Perené Valleys.
- fumipennis* Alexander, 1912f:359 (preocc. Hudson, 1892). Type-locality: Peru, Pichís and Perené Valleys.
- QUADRIMACULATA Bellardi, 1859:9, pl. 1, fig. 2 (wing) [1861:209, pl. 1, fig. 3 (wing)] (*Tipula*; a primary homonym of *Tipula quadrimaculata* Linnaeus, 1761). Type-locality: Mexico, Córdoba. Identity uncertain.
- SETICORNIS Macquart, 1846:144 (16) pl. 1, fig. 11 (whole insect) (*Tipula*). Type-locality: "Colombia" (as "New Grenada"). Identity uncertain; *Tipula seticornis* Walker, 1856:443, from Colombia, possibly distinct.
- TABIDA Enderlein, 1912:8 (*Tipula*). Type-locality: "Peru". Identity uncertain: Vane-Wright (1967) suggests its position among species dubiae. Possibly a *Tipula* (*Microtipula*) sp.
- TRIMACULATA Macquart, 1838:59 (55), pl. 1, fig. 2 (wing) (*Tipula*). Type-locality: "Brazil or Chile" (very doubtfully from Chile). Identity uncertain; may be a *Zelandotipula*.
- TRINA Wiedemann, 1824:11 (*Tipula*). Type-locality: "Brazil": Identity uncertain; perhaps a *Zelandotipula*.

Subfamily CYLINDROTOMINAE

Genus STIBADOCERINA Alexander

- STIBADOCERINA Alexander, 1929a:66. Type-species, *chilensis* Alexander (orig. des.) (Neotropical).
- CHILENSIS Alexander, 1929a:67, fig. 37 (wing). Type-locality: Chile. Llanquihue, Peulla. Distr. — Chile.

Subfamily LIMONIINAE

Tribe LIMONINI

Genus ANTOCHA Osten Sacken

- ANTOCHA Osten Sacken, 1859:219. Type-species, *saxicola* Osten Sacken (mon.). (Nearctic). Refs. — Alexander, 1921f:799 (biology); 1967a.



MONTICOLA Alexander, 1917a:23. Type-locality: U.S.A., Colorado, Platte Canyon. Distr. — Western Nearctic region southward to Mexico (Cuernavaca, Morelos).

Genus DICRANOPTYCHA Osten Sacken

DICRANOPTYCHA Osten Sacken, 1859:217. Type-species, *germana* Osten Sacken (Coquillett, 1910:533) (Nearctic). Ref. — Alexander, 1919d (biology).

COSTARICENSIS Alexander, 1939e:622, figs. 1 (wing), 9 (male hypopygium). Type-locality: Costa Rica, Talamanca, San Juan Miramar. Distr. — Costa Rica.

HARPYIA Alexander, 1946b:232, figs. 9 (wing), 13 (male hypopygium). Type-locality: Mexico, Michoacán, La Majada. Distr. — Mexico.

LEUCOPODA Alexander, 1953d:156. Type-locality: Guatemala, Chicacao, El Naranjo. Distr. — Guatemala.

Genus HELIUS Lepeletier & Serville

Megarhina Lepeletier & Serville in Latreille et al., 1828:585. Type-species, *Limnobia longirostris* Meigen (mon.).

HELIUS Lepeletier & Serville in Latreille et al., 1828:831 (unjustified nom. nov. for *Megarhina* Lepeletier & Serville; as *Hélius*). Type-species, *Limnobia longirostris* Meigen (aut.) (Western Palaearctic). [See note in Alexander, 1965d:50].

Rhamphidia Meigen, 1830:281. Type-species, *Limnobia longirostris* Meigen (Westwood, 1840:129). Ref. — Alexander, 1967a:344.

ACANTHOSTYLUS Alexander, 1944b:167, fig. 7 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.

ALBITARSIS ALBITARSIS (Osten Sacken), 1887b:184 (*Rhamphidia*). Type-locality: "Puerto Rico". Distr. — Colombia, Guyana, Venezuela, Cuba, Jamaica, Puerto Rico. Refs. — Alexander, 1932:366, fig. 5 (wing); 1964a:16, fig. 5 (wing).

ssp. FUMPENNIS (Alexander), 1919a:137, fig. 5 (wing) (*Rhamphidia*). Type-locality: Panama, Isla de Colón, Bocas del Toro, Silico Creek. Distr. — Panama.

ssp. FUSCIPES (Alexander), 1919a:137, fig. 4 (wing) (*Rhamphidia*). Type-locality: Panama, Bocas del Toro, San San. Distr. — Costa Rica, Panama.

ALBOGENICULATUS Alexander, 1936d:751. Type-locality: Brazil, Rio de Janeiro, Itatiaia. Distr. — Brazil.

ANGUSTALBUS Alexander, 1953d:154. Type-locality: Peru, Huanuco, Chinchao. Distr. — Peru, Bolivia. Ref. — Alexander, 1967a:345, fig. 69 (wing).

ARAUCARIAE Alexander, 1945f:15, figs. 6 (male hypopygium), 8 (wing). Type-locality: Chile, Arauco, Nahuelbuta. Distr. — Chile.

BITERGATUS Alexander, 1950a:45, figs. 12 (wing), 15 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.

CAPNIOPTERUS Alexander, 1945e:222. Type-locality: Brazil, Guanabara, Rio de Janeiro, Tinguá. Distr. — Brazil.

- CREPER Alexander, 1926b:225. Type-locality: Jamaica, Troy. Distr. — Jamaica. Ref. — Alexander, 1964a:17, fig. 6 (wing).
- DISTINERVIS Alexander, 1940c:112. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- FRAGOSUS Alexander, 1937b:238. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- HAITSCHBACHI Alexander, 1954a:35. Type-locality: Brazil, Paraná, Paranguá, Matinhos. Distr. — Brazil.
- INEPTUS Alexander, 1938g:433. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador.
- INVARIEGATUS Alexander, 1938g:436. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador.
- LAROTYPA Alexander, 1926d:379. Type-locality: Paraguay, St. Catharine, Santa Bárbara. Distr. — Brazil, Paraguay.
- LEUCOPLACA Alexander, 1936d:752. Type-locality: Peru, Loreto, Iquitos. Distr. — Peru.
- LOBULIFERUS Alexander, 1938g:434. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador.
- MELANOPHALLUS Alexander, 1938g:435. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador.
- MICRACANTHUS Alexander, 1945j:16, fig. 7 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- MIRABILIS (Alexander), 1914e:230, pl. 3, fig. 5 (wing) (*Rhamphidia*). Type-locality: Guyana, Bartica. Distr. — Guyana, Peru, Brazil.
- MIRANDA (Alexander), 1921d:54 (*Rhamphidia*). Type-locality: Brazil, Amazonas, Tefé. Distr. — Brazil.
- MULTIVOLUS Alexander, 1945d:276. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- MYRSIELLUS Alexander, 1935a:322. Type-locality: Venezuela, between Maunukau (?) and Arabopó. Distr. — Venezuela, Guyana, Brazil.
- PALLIDIPES Alexander, 1926d:379. Type-locality: Paraguay, St. Catharina, Santa Bárbara. Distr. — Brazil, Paraguay.
- PANAMENSIS PANAMENSIS Alexander, 1934a:63. Type-locality: Panama, Chiriqui, Finca Parada. Distr. — Panama, Venezuela.
- ssp. LATERALIS Alexander, 1938g:437. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador.
- PARVIDENS Alexander, 1944b:164. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- PERPALLIDUS Alexander, 1942g:177. Type-locality: Brazil, Rio de Janeiro, Serra do Itatiaia, "Südabhang". Distr. — Brazil.
- PERVENUSTUS Alexander, 1953d:153. Type-locality: Costa Rica, La Sulza. Distr. — Costa Rica. Ref. — Alexander, 1967a:346, figs. 70 (wing), 73, 74 (male hypopygium).
- PHASMATIS Alexander, 1945b:56. Type-locality: Hispaniola: Dominican Republic. Distr. — Dominican Republic.
- PLEBEIUS Alexander, 1954o:592. Type-locality: Ecuador, Santiago-Zamora, Zamora. Distr. — Ecuador.
- PRODUCTELLUS Alexander, 1944b:165, fig. 6 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- QUADRIFIDUS Alexander, 1926a:161, fig. 3 (wing). Type-locality: Mexico, Chiapas. Distr. — México. Ref. — Alexander, 1967a:346, fig. 73 (male hypopygium).

- RECTISPINA Alexander, 1947d:43, fig. 2 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- RECTUS Alexander, 1945e:224. Type-locality: Brazil, Guanabara, Rio de Janeiro, Tinguá. Distr. — Brazil.
- REGIUS Alexander, 1944b:162, fig. 5 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- RUBICUNDUS (Alexander), 1922c:37 (*Rhamphidia*). Type-locality: Paraguay, San Bernardino. Distr. — Paraguay, Brazil, Bolivia.
- SANGUINOLENTUS (Alexander), 1921d:55 (*Rhamphidia*). Type-locality: Peru, Loreto, Iquitos. Distr. — Peru.
- SCHILDI Alexander, 1945b:54. Type-locality: Costa Rica, San Mateo, Higuito. Distr. — Costa Rica.
- TETRACRADUS Alexander, 1967a:346, figs. 71 (wing), 76 (male hypopygium). Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- UNIFORMIS (Alexander), 1914e:230, pl. 3, fig. 4 (wing) (*Rhamphidia*). Type-locality: Guyana, Bartica. Distr. — Guyana, Peru, Brazil.

Genus LIMONIA Meigen

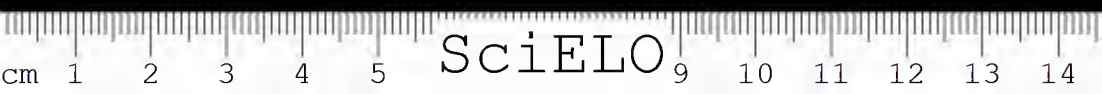
- Amphinome* Meigen, 1800:15 (preocc. Bruguière, 1792). Type-species, *Tipula tripunctata* Fabricius (Coquillett, 1910:505). Suppressed by I.C.Z.N., 1963:339.
- LIMONIA Meigen, 1803:262. Type-species, *Tipula tripunctata* Fabricius (Westwood, 1840:129) (Western Palearctic).
- Limnobia* Meigen, 1818:116 (unjustified nom. nov. for *Limonia* Meigen). Type-species, *Tipula tripunctata* Fabricius (aut.). Ref. — Alexander, 1950b:161, figs.; 1967L:279, figs.

Subgenus ATYPOPTHALMUS Brunetti

- ATYPOPTHALMUS Brunetti, 1911:273 (as genus). Type-species, *holopticus* Brunetti (Brunetti, 1912:408) = *umbrata* (Meijere). (Oriental).
- Limonia*, subg. *Atypophthalmus*; Alexander, 1967a:280.
- UMBRATA (Meijere), 1911b:25, fig. 7 (wing) (*Dicranomyia*). Type-locality: Java, Batavia. Distr. — Mexico, Peru, Cuba; Palaetropical, including Hawaii. Refs. — Meijere, 1916:197 (description of immature stages); Byers, 1966:708, pl. (male hypopygium).
- fissilis* Alexander, 1926a:159. Type-locality: Mexico, Vera Cruz, Tres Valles.

Subgenus CAENOGLOCHINA Alexander

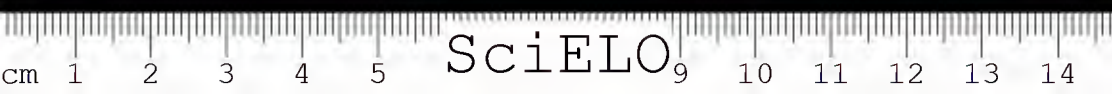
- Limonia*, subg. CAENOGLOCHINA Alexander, 1964a:31, figs. 20 (wing), 29 (male hypopygium). Type-species, *apicata* Alexander (orig. dcs.) (Neotropical). Ref. — Alexander, 1967a:280.
- ACUMINATA (Alexander), 1921d:51, fig. 9 (male hypopygium) (*Dicranomyia*). Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru.
- APICATA APICATA (Alexander), 1914e:225, pl. 3, fig. 1 (wing) (*Dicranomyia*). Type-locality: Guyana, Bartica. Distr. — Mexico, Panama, Venezuela, Guyana.



- ssp. DOMINICENSIS Alexander, 1939d:93, fig. 13 (male hypopygium) [*Limonia*]. Type-locality: Lesser Antilles: Dominica, Layou River, on Hatton Garden Trail. Distr. — Dominica.
- BASISTYLATA Alexander, 1928g:19 (*Limonia*). Type-locality: Jamaica, Cinchona. Distr. — Jamaica. Ref. — Alexander, 1964a:31, figs. 20 (wing), 29 (male hypopygium).
- CAPITONIUS Alexander, 1945c:259, figs. 8 (wing), 11 (male hypopygium) [*Limonia (Limonia)*]. Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- EGAE (Alexander), 1921d:49, fig. 10 (male hypopygium) (*Dicranomyia*). Type-locality: Brazil, Amazonas, Tefé. Distr. — Brazil.
- FIELDI Alexander, 1967a:281, figs. 1 (wing), 4 (male hypopygium). Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- HOFFMANI Alexander, 1927c:265 [*Limonia (Limonia)*]. Type-locality: Puerto Rico, Luquillo National Forest. Distr. — Cuba, Puerto Rico. Ref. — Alexander, 1932:356, figs. 4 (wing), 6 (male hypopygium).
- MYCTERA Alexander, 1967a:282, fig. 5 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- NAPOENSIS (Alexander), 1921d:50, fig. 11 (male hypopygium) (*Dicranomyia*). Type-locality: Peru, Loreto, Napo River. Distr. — Peru.
- PAUCILOBATA Alexander, 1940c:111 [*Limonia (Limonia)*]. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- PUGNAX Alexander, 1946f:300 [*Limonia (Limonia)*]. Type-locality: Surinam, 30 miles south of Paramaribo. Distr. — Surinam.
- RAPAX (Alexander), 1921d:50, fig. 12 (male hypopygium) (*Dicranomyia*). Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru.
- SCAENALIS Alexander, 1951a:100 [*Limonia (Limonia)*]. Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- SICA Alexander, 1941g:346 (also 1946h:92) [*Limonia (Limonia)*]. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- SINGULARIS Alexander, 1944k:598 [*Limonia (Limonia)*]. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- SOMNIFICA Alexander, 1943e:204 [*Limonia (Limonia)*]. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- SUBACUMINATA Alexander, 1967a:284, fig. 6 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- VORAX Alexander, 1941g:345 (also 1946h:91) [*Limonia (Limonia)*]. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.

Subgenus CAENOLIMONIA Alexander

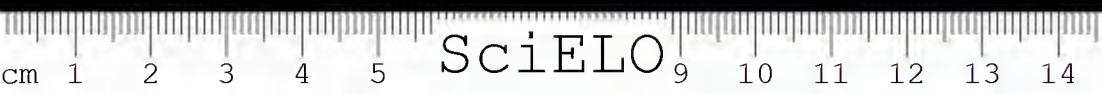
- Limonia*, subg. CAENOLIMONIA Alexander, 1967a:285. Type-species, *neorepanda* Alexander (orig. des.) (Neotropical).
- AMARYLLIS Alexander, 1944j:149, fig. 1 (wing) [*Limonia (Limonia)*]. Type-locality: Venezuela, Mérida, Zea. Distr. — Venezuela.
- BRACHYCANTHA Alexander, 1945d:264 [*Limonia (Limonia)*]. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru. Ref. — Alexander, 1945L:378, fig. 2 (male hypopygium).
- COMBOSTENA Alexander, 1967a:287, figs. 2 (wing), 7 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.



- CONTRADISTINCTA Alexander, 1936d:752 [*Limonia (Limonia)*] Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- GALBIPES Alexander, 1967a:288, fig. 3 (wing). Type-locality: Ecuador, Napo-Pastaza, Río Pastaza, Mapoto. Distr. — Ecuador.
- INTERSTITIALIS Alexander, 1940a:283 [*Limonia (Limonia)*]. Type-locality: Ecuador, Napo-Pastaza, Río Pastaza, Mapoto. Distr. — Ecuador.
- MECONEURA Alexander, 1962c:97, figs. 70 (wing), 73 (male hypopygium) [*Limonia (Limonia)*]. Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- MELAXANTHA Alexander, 1934a:56. Type-locality: Panama, Chiriqui, Finca Lerida. Distr. — Panama.
- MERIDENSIS Alexander, 1940e:897, fig. 1 (wing). Type-locality: Venezuela, Mérida. Distr. — Venezuela.
- NEOREPANDA Alexander, 1964b:282 (nom. nov. for *repanda* Alexander). Type-locality: Ecuador, Chimborazo, Pallatanga. Distr. — Ecuador. Refs. — Alexander, 1954c:240, fig. 13 (male hypopygium); 1967a:286, figs. 2, 3, 7.
- repanda* Alexander, 1928f:637 (preocc. Edwards, 1923). Type-locality: Ecuador, Chimborazo, Pallatanga.
- ORTHOGONIA Alexander, 1945a:18 [*Limonia (Neolimnobia)*]. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador. Ref. — Alexander, 1954c:244, fig. 17 (male hypopygium).
- OSTERHOUTI (Alexander), 1912b:336, fig. q (wing) (*Furcomyia*). Type-locality: Cuba, Pinar del Río. Distr. — Panama, Cuba.
- PAPRZYCKII Alexander, 1941f:326, figs. 1 (wing), 2 (male hypopygium) [*Limonia (Neolimnobia)*]. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- TRANSLUCIDA TRANSLUCIDA (Alexander), 1912b:335, fig. r (wing) (*Furcomyia*). Type-locality: Panama, Bocas del Toro. Distr. — Panama.
- ssp. NIGROTINCTA Alexander, 1945L:378 [*Limonia (Neolimnobia)*]. Type-locality: Panama, Canal Zone, Barro Colorado Is. Distr. — Panama.
- XANTHOMELA Alexander, 1962c:75, fig. 50 (wing) [*Limonia (Limonia)*]. Type-locality: Bolivia, Cochabamba, Chapare, Locotal. Distr. — Bolivia.

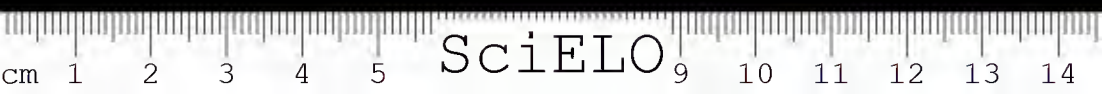
Subgenus DICRANOMYIA Stephens

- Furcomyia* Meigen, 1818:133. Type-species, *Limonia lutea* Meigen (Coquillett, 1910:546). Unavailable name, cited in specific synonymy.
- DICRANOMYIA Stephens, 1829:53 (also 1829b:243) (as genus). Type-species, *Limnobia modesta* Meigen (Coquillett, 1910:533) (Western Palearctic). Ref. — Alexander, 1967a:289, figs. 8-30.
- ACUPRODUCTA Alexander, 1962c:84, fig. 59 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia.
- AFFABILIS Alexander, 1952c:42, figs. 3 (wing), 7 (male hypopygium). Type-locality: Chile, Juan Fernández, Masafuera, Quebrada de las Casas. Distr. — Chile.
- ALBOAPICALIS Alexander, 1928h:360. Type-locality: Chile, Valparaíso, Perales de Marga-Marga. Distr. — Brazil, Chile, Argentina.
- ALFARO (Alexander), 1922a:2 (*Dicranomyia*). Type-locality: Costa Rica, San José. Distr. — Mexico, Costa Rica, Venezuela, Bolivia.



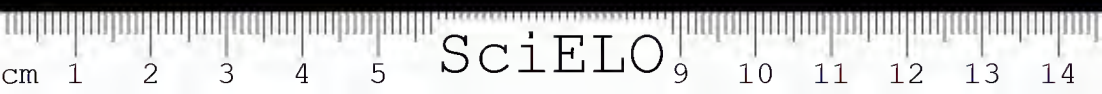
- ALTANDINA Alexander, 1956b:111. Type-locality: Peru, Cuzco, La Raya. Distr. — Peru, Bolivia. Refs. — Alexander, 1962c:85, figs. 57 (wing), 60 (male hypopygium); 1967a:293, figs. 8 (wing), 10 (male hypopygium).
- AMBIGUA Alexander, 1929a:99, figs. 43 (wing), 185 (male hypopygium). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina.
- AMPHIONIS Alexander, 1952c:44, fig. 6 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra. Plazolcta del Yunque. Distr. — Chile.
- ANAX Alexander, 1942a:222, fig. 2 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huasahuasi. Distr. — Peru.
- ANDICOLA (Alexander), 1912b:362, fig. h (wing) (*Furcomyia*). Type-locality: Bolivia, San Antonio. Distr. — Colombia, Bolivia. Ref. — Alexander, 1962c:85, fig. 61 (male hypopygium).
- ANDINALTA Alexander, 1956b:112. Type-locality: Peru, Cuzco, La Raya. Distr. — Peru. Ref. — Alexander, 1967a:203, fig. 11 (male hypopygium).
- APPOSITA Alexander, 1942a:230, fig. 6 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru, Bolivia.
- ARGENTINA (Alexander), 1912b:363, fig. k (wing) (*Furcomyia*). Type-locality: Argentina, Neuquén. Distr. — Argentina.
- ARIADNE Alexander, 1942a:225. Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.
- ATRITARSIS Alexander, 1949b:473 [*Límonia* (*Límonia*)]. Type-locality: Brazil, São Paulo, Pindamonhangaba. Distr. — Brazil.
- ATROSTYLA Alexander, 1942a:235, fig. 9 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.
- AURANTIOTHORAX Alexander, 1941g:348 (also 1946h:95) Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- AXIERASTA Alexander, 1952c:45, figs. 4 (wing), 5 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra, Miradero de Selkirk. Distr. — Chile.
- EICOMIFERA Alexander, 1943d:128, fig. 1 (male hypopygium). Type-locality: Venezuela, Mérida, Chachopo. Distr. — Venezuela.
- EIGLADIA Alexander, 1942f:760, fig. 1 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- BOLIVIANA Alexander, 1930c:723. Type-locality: Bolivia, Santa Cruz. Distr. — Bolivia, Peru.
- BORINQUENIA Alexander, 1968c:210. Type-locality: Puerto Rico, Luquillo National Forest. Distr. — Puerto Rico.
- BREVICUBITALIS Alexander, 1947f:87, figs. 7 (wing), 8 (male hypopygium). Type-locality: Venezuela, Miranda, Río Chacaito. Distr. — Venezuela, Bolivia.
- BREVIGLADIA Alexander, 1962c:87, fig. 62 (male hypopygium). Type-locality: Bolivia, Cuticuecho, Yungas de Songo Valley. Distr. — Bolivia.
- BREVIVENA BREVIVENA (Osten Sacken), 1869:66 (*Dicranomyia*). Type-locality: U.S.A.: District of Columbia. Distr. — U.S.A. (New York, District of Columbia), Bolivia.
- ssp. CAPRA Alexander, 1947e:57, figs. 1 (wing), 5 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.

- ssp. *TORRIDA* Alexander, 1932:358. Type-locality: Puerto Rico, Puerto Real, Vieques Is. Distr. — Jamaica, Puerto Rico.
- BULLOCKIANA* Alexander, 1938i:277. Type-locality: Chile, Toitén. Distr. — Chile.
- CALLIERGON* *CALLIERGON* Alexander, 1939d:109. Type-locality: Hispaniola: Haiti, La Selle Range, La Visite. Distr. — Haiti.
- ssp. *POLYGRAPHIA* Alexander, 1939d:111. Type-locality: Hispaniola: Dominican Republic, Valle Nuevo, southeast of Constanza. Distr. — Dominican Republic.
- CATAMARCANA* Alexander, 1929d:769 [*Limonia* (*Limonia*)]. Type-locality: Argentina, Catamarca, Quebrada Volcan at Agua Amarillo. Distr. — Argentina.
- CAUTINENSIS* Alexander, 1941a:251. Type-locality: Chile, Malleco, Curacautin. Termaes Río Blanco. Distr. — Chile.
- CEREBREANA* Alexander, 1929a:87, figs. 16 (wing), 177 (male hypopygium) [*Limonia* (*Limonia*)]. Type-locality: Argentina, Río Negro, L. Correntoso. Distr. — Argentina.
- CHILENSIS* (Alexander), 1913b:487 (*Furcomyia*; nom. nov. for *guttata* Philippi). Type-locality: Chile, Valdivia and Aconcagua.
- guttata* Philippi, 1865:613 (*Limnobia*; preocc. Meigen, 1838). Type-locality: Chile, Valdivia and Aconcagua. Ref. — Alexander, 1929a:94, figs. 21 (wing), 183 (male hypopygium).
- CHIMBORAZICOLA* Alexander, 1945n:395. Type-locality: Ecuador, Chimborazo, Mt. Chimborazo. Distr. — Ecuador.
- CHLOROTICA* (Philippi), 1865:614 (*Limnobia*). Type-locality: "Chile". Identity uncertain.
- CLARIBASIS* Alexander, 1945d:267. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru. Ref. — Alexander, 1945L:380, fig. 7 (male hypopygium).
- CLAVIGERA* Alexander, 1931a:109. Type-locality: Chile, Malleco, Angol. Distr. — Chile.
- CLAVISTYLA* Alexander, 1956b:113. Type-locality: Peru, Huanuco, Chinchao. Distr. — Peru. Ref. — Alexander, 1967a:294, figs. 9 (wing), 12 (male hypopygium).
- COHERI* Alexander, 1964a:38, figs. 31 (wing), 36 (male hypopygium). Type-locality: Jamaica, Portland, Ecclesdown. Distr. — Jamaica.
- COMMUNA* Alexander, 1967a:294, fig. 14 (male hypopygium). Type-locality: Chile, Osorno, Antillanca. Distr. — Chile.
- COMPLACITA* Alexander, 1942f:768, fig. 5 (male hypopygium). Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- CONTRISTANS* Alexander, 1945p:756. Type-locality: Peru, Ayacucho, Huanta. Distr. — Peru.
- CROCEIAPICALIS* Alexander, 1962c:88, fig. 65 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- DAMPFI* (Alexander), 1925a:346, fig. 6 (wing) (*Dicranomyia*). Type-locality: Mexico, México, D.F., Desierto de los Leones. Distr. — Mexico.
- DISSOLUTA* Alexander, 1929a:108, fig. 28 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina, Chile.



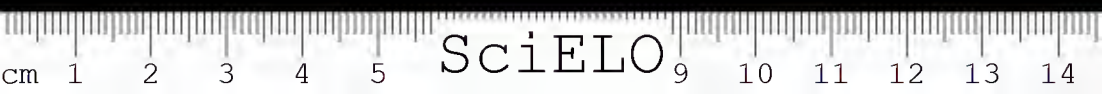
- DISTANS** (Osten Sacken), 1859:211 (*Dicranomyia*). Type-locality: U.S.A., Florida. Distr. — U.S.A. (Florida), British Honduras, Venezuela, Brazil, Paraguay, Jamaica, Puerto Rico. Ref. — Alexander, 1932:358, fig. 7 (male hypopygium).
- mediatlantica* Freeman, 1962:77, fig. 1 (male hypopygium). Type-locality: Gough Is., South Atlantic. Distr. — Gough Is.
- parishi* Alexander, 1914e:226 (*Dicranomyia*). Type-locality: Guyana. Bartica. Distr. — Guyana.
- tricornis* Alexander, 1925a:344, figs. 3 (wing), 15 (male hypopygium) (*Dicranomyia*). Type-locality: Mexico, México, D.F. Distr. — Mexico.
- DIURA** Alexander, 1942a:229, fig. 5 (male hypopygium). Type-locality: Peru, Jurín, Tarma, Huacapistana. Distr. — Peru.
- DIVERSIGLADIA DIVERSIGLADIA** Alexander, 1942f:769, fig. 6 (male hypopygium). Type-locality: Peru. Ayacucho, La Mar, Yanamonte. Distr. — Peru, Bolivia.
- ssp. *PIABELIS* Alexander, 1944c:42. Type-locality: Venezuela, Mérida, Páramo La Negra. Distr. — Venezuela.
- DIVISA** Alexander, 1929f:247 (nom. nov. for *diversa* Osten Sacken). Type-locality: U.S.A., District of Columbia. Distr. — U.S.A., Haiti, Jamaica, Puerto Rico. Ref. — Alexander, 1932:359, fig. 8 (male hypopygium).
- diversa* Osten Sacken, 1859:212 (*Dicranomyia*; preocc. Osten Sacken, 1859:207). Type-locality: U.S.A., District of Columbia.
- DOLEROSA** Alexander, 1931b:8, fig. 3 (wing). Type-locality: Brazil. Mt. Roraima. Distr. — Brazil.
- DORSOLORATA** Alexander, 1945n:398. Type-locality: Ecuador, Chimborazo, Riobamba. Distr. — Ecuador. Ref. — Alexander, 1967a:296, fig. 13 (male hypopygium).
- ELEGANTULA** (Alexander), 1913c:195, pl. 5, fig. 2 (wing) (*Dicranomyia*). Type-locality: Colombia, Cauca, Almaguer. Distr. — Colombia.
- ELNORA** Alexander, 1929a:107, fig. 27 (wing). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile.
- ELQUIENSIS** (Blanchard), 1852:341 (*Limnobia*). Type-locality: Chile, Coquimbo, La Serena. Distr. — Chile. Subgenus incertum.
- EMPELIA** Alexander, 1962c:89, fig. 58 (wing). Type-locality: Bolivia, Cuticuch, Yungas de Songo Valley. Distr. — Bolivia.
- ERRABUNDA** Alexander, 1929a:102, figs. 23 (wing), 189 (male hypopygium). Type-locality: Chile, Santiago. Distr. — Chile.
- EXAETA** (Alexander), 1927d:305 (*Dicranomyia*). Type-locality: Mexico, Chiapas, near summit of Zontehuitz. Distr. — Mexico.
- EXERCITA** Alexander, 1929a:87, figs. 41 (wing), 178 (male hypopygium) [*Limonia* (*Limonia*)]. Type-locality: Argentina, Rio Negro, Lago Correntoso. Distr. — Argentina.
- EXTRANEA** Alexander, 1944f:25, figs. 2 (wing), 5 (male hypopygium). Type-locality: Brazil, Minas Gerais, Alto Caparaó. Distr. — Brazil.
- FALCIGUIA** Alexander, 1962c:90, fig. 66 (male hypopygium). Type-locality: Bolivia, Cuticuch, Yungas de Songo Valley. Distr. — Bolivia.
- FARRI** Alexander, 1964a:40, fig. 32 (wing). Type-locality: Jamaica, St. Andrew, Cinchona. Distr. — Jamaica.

- FILICAUDA (Alexander), 1925a:345, fig. 4 (wing) (*Dicranomyia*). Type-locality: Mexico, México, D.F., Desierto de los Leones. Distr. — Mexico.
- FLAVAPERTA Alexander, 1941a:252. Type-locality: Chile, Malleco. Curacautín, Termas Río Blanco. Distr. — Chile.
- FLAVIDA (Philippi), 1865:612 (*Limnobia*). Type-locality: Chile, Valdivia. Corral. Distr. — Chile. Identity uncertain.
- FLAVOFASCIALIS (Alexander), 1924e:61 (*Dicranomyia*). Type-locality: Argentina, Córdoba, La Granja, Alta Gracia. Distr. — Argentina.
- GALAPAGOENSIS Alexander, 1962d:1, figs. 1 (wing), 2 (male hypopygium). Type-locality: Ecuador, Galápagos Is., Santa Cruz, Finca Castro. Distr. — Ecuador.
- GIBBERA (Alexander), 1916a:6 (*Dicranomyia*). Type-locality: Peru, Lima. Distr. — Peru.
- GLOBULICORNIS (Alexander), 1924a:63 (*Dicranomyia*). Type-locality: Argentina, Jujuy, Tilcara. Distr. — Argentina. Ref. — Bruch, 1939a: pl. 5, fig. 16 (entire male) (as *globulithorax*, error).
- GLORIOSA (Alexander), 1912b:337, fig. j (wing) (*Furcomyia*). Type-locality: Guatemala, Totonicapán. Distr. — Guatemala.
- HALOPHILA Alexander, 1929a:91, fig. 18f (male hypopygium) [*Limonia* (*Limonia*)]. Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile.
- HARPAX Alexander, 1952c:46, figs. 8 (male hypopygium), 11 (wing). Type-locality: Chile, Juan Fernández, Masatierra, Quebrada de Villagra. Distr. — Chile.
- HIRSUTISSIMA Alexander, 1962c:92, fig. 63 (wing). Type-locality: Bolivia, Chacaltaya, Cordillera Real. Distr. — Bolivia.
- HOSTICA Alexander, 1938a:24 [*Limonia* (*Limonia*)]. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- HUMEROSA Alexander, 1942f:762, fig. 2 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- IGNARA Alexander, 1967a:296, figs. 15 (wing), 18 (male hypopygium). Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- ILLEPIDA Alexander, 1944f:22. Type-locality: Brazil, Minas Gerais, Alto Caparaó. Distr. — Brazil.
- IMITABILIS Alexander, 1942f:766, fig. 4 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru, Bolivia.
- INDEFENSA Alexander, 1939d:112. Type-locality: Hispaniola: Haiti, La Selle Range, La Visite. Distr. — Haiti.
- INFUMATA (Philippi), 1865:613 (*Limnobia*). Type-locality: Chile, Valdivia, Corral. Distr. — Chile, Argentina. Ref. — Alexander, 1929a:105, fig. 25 (wing).
- INGRATA (Alexander), 1928a:104 (*Dicranomyia*). Type-locality: Mexico, Chiapas, Cerro San Cristóbal. Distr. — Mexico.
- INSIGNIFICA (Alexander), 1912b:363, fig. i (wing) (*Furcomyia*). Type-locality: Peru, Iquico. Distr. — Colombia, Peru. Ref. — Alexander, 1913c:197, pl. VI, fig. 1 (male hypopygium).
- INSOLABILIS Alexander, 1946b:234, fig. 16 (wing). Type-locality: Mexico, Michoacán, Cerro Tancitaro. Distr. — Mexico.
- INVALIDA (Alexander), 1916a:7, pl. 1, fig. 4 (wing) (*Dicranomyia*). Type-locality: Peru, Lima, Matucana. Distr. — Peru.



- ITATIAYANA Alexander, 1944m:308, fig. 7 (male hypopygium). Type-locality: Brazil, Rio de Janeiro, Alto Itatiaia. Distr. — Brazil.
- JORGENSENI (Alexander), 1919a:134, fig. 3 (wing) (*Dicranomyia*). Type-locality: Argentina, Catamarca, Esquina Grande. Distr. — Argentina.
- JUJUYENSIS JUJUYENSIS (Alexander), 1924a:65 (*Dicranomyia*). Type-locality: Argentina, Jujuy, Tilcara. Distr. — Argentina. Ref. — Alexander, 1962c:93, fig. 67 (male hypopygium).
- ssp. OBTUSIROSTRIS Alexander, 1962c:94, figs. 64 (wing) 68 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia.
- KNABI (Alexander), 1912b:340, figs. m (wing), w (male hypopygium) (*Furcomyia*). Type-locality: Guatemala, Totonicapán. Distr. — Mexico, Guatemala. Ref. — Alexander, 1946b:233, fig. 15 (male hypopygium).
- KUSCHELIANA Alexander, 1952c:47, figs. 9 (male hypopygium), 12 (wing). Type-locality: Chile, Juan Fernández, Masatierra, Miradero de Selkirk. Distr. — Chile.
- LABECULA Alexander, 1942a:234, fig. 8 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru, Bolivia.
- LAISTES Alexander, 1967a:298, figs. 16 (wing), 19 (male hypopygium). Type-locality: Mexico, Guadalajara, Barranca de Oblatos. Distr. — Mexico.
- LAPAZENSIS Alexander, 1962c:95, figs. 69 (wing), 71 (male hypopygium). Type-locality: Bolivia, La Paz. Distr. — Bolivia.
- LATEBRA Alexander, 1967a:299, figs. 17 (wing), 20 (male hypopygium). Type-locality: Chile, Arauco, Nahuelbuta, Caramávida. Distr. — Chile.
- LATISPINA Alexander, 1942a:226, fig. 3 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huasahuasi. Distr. — Peru.
- LEWISI Alexander, 1964a:41, figs. 33 (wing), 37 (male hypopygium). Type-locality: Jamaica, Portland, Hardwar Gap. Distr. — Jamaica.
- LIBERTA (Osten Sacken), 1859:209 (*Dicranomyia*). Type-locality: Eastern U.S.A. Distr. — Eastern U.S.A., Bermuda. Ref. — Johnson, 1913:443.
- LINEICOLLIS (Blanchard), 1852:341 (*Limnobia*). Type-locality: Chile, Coquimbo, La Serena. Distr. — Chile. Subgenus incertum.
- LIVIDA (Say), 1829:150 (1859 (2):349) (*Limnobia*). Type-locality: "Mexico". Distr. — Mexico. Identity uncertain.
- LONGIVENTRIS (Alexander), 1913c:198, pl. VI, fig. 2 (male hypopygium); pl. V, fig. 3 (wing) (*Dicranomyia*). Type-locality: Colombia, Cauca, Valle de las Papas. Distr. — Colombia, Venezuela.
- LUTEAPICALIS Alexander, 1962c:96, fig. 72 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- LYDIA Alexander, 1950b:185, fig. 16 (male hypopygium) [*Limonia* (*Limonia*)]. Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- MALIGNA Alexander, 1945d:265. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- MALITIOSA Alexander, 1942a:232, fig. 7 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huasahuasi. Distr. — Peru.

- MASAFUERA Alexander, 1952c:48, figs. 13 (wing), 19 (male hypopygium).
Type-locality: Chile, Juan Fernández, Masafuera, Las Chozas.
Distr. — Chile.
- MELANOCERA (Alexander), 1925a:346, figs. 5 (wing), 16 (male hypopygium) [*Dicranomyia*]. Type-locality: Mexico. Xochimilco. Distr. — Mexico.
- MERIDICOLA Alexander, 1943d:130, fig. 2 (male hypopygium). Type-locality: Venezuela, Mérida, Apartaderos. Distr. — Venezuela.
- MICROSCOLA Alexander, 1967a:300, fig. 21 (male hypopygium). Type-locality: Chile, Osorno, Pucatrihue. Distr. — Chile.
- MICROSOMA Alexander, 1944f:23, figs. 1 (wing), 4 (male hypopygium). Type-locality: Brazil, Minas Gerais, Alto Caparaó. Distr. — Brazil.
- MICROSOMODES Alexander, 1954a:33, fig. 4 (male hypopygium). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil.
- MISERANDA Alexander, 1945c:258, fig. 7 (wing). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- MISTURA Alexander, 1942i:52, figs. 18 (wing), 21 (male hypopygium). Type-locality: Brazil, São Paulo, São Paulo, Cabceiras do M'Boy Guaçu. Distr. — Brazil.
- MULIERCULA Alexander, 1942f:764, fig. 3 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- MULSA (Alexander), 1916a:5, pl. 1, figs. 1, 2 (wing) [*Dicranomyia*]. Type-locality: Peru, Lima, Matucana. Distr. — Peru, Bolivia.
- MUTATA Alexander, 1935a:321. Type-locality: Venezuela, near Mt. Roraima, along Arabopó River. Distr. — Brazil.
- NEFASTA Alexander, 1944b:161, fig. 4 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- NOTHOFAGI Alexander, 1929a:93, figs. 20 (wing), 182 (male hypopygium) [*Limonia* (*Limonia*)]. Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile, Argentina.
- OBTUSISTYLUS Alexander, 1925a:347, figs. 7 (wing), 17 (male hypopygium) (*Limonia*). Type-locality: Mexico, Mexico, D.F., Desierto de los Leones. Distr. — Mexico.
- OHLINI (Alexander), 1920e:2 (*Dicranomyia*). Type-locality: Chile, Magallanes, Punta Arenas. Distr. — Chile, Argentina.
- OMISSA (Alexander), 1912b:340, fig. o (wing) (*Furcomyia*). Type-locality: Guatemala, Aguna. Distr. — Guatemala, Costa Rica.
- OMISSIVENA (Alexander), 1922b:207 (*Dicranomyia*). Type-locality: Argentina, Tucumán, Quebrada Famailla. Distr. — Argentina.
- ONEROSA (Alexander), 1928a:104 (*Dicranomyia*). Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.
- ORNATIPENNIS (Blanchard), 1852:342 (*Limnobia*). Type-locality: Chile, Coquimbo, La Serena. Distr. — Chile. Subgenus incertum.
- PALLIDITERGA Alexander, 1942i:51, figs. 17 (wing), 22 (male hypopygium). Type-locality: Brazil, São Paulo, São Paulo, Cabceiras do M'Boy Guaçu. Distr. — Brazil.
- PAMPOECILA Alexander, 1922a:1 [*Limonia* (*Limonia*)]. Type-locality: Costa Rica, Tiribi. Distr. — Panama, Venezuela, Ecuador, Peru, Brazil. Ref. — Alexander, 1954c:239, fig. 11 (male hypopygium).



- PATRUELIS (Alexander), 1924a:62 (*Dicranomyia*). Type-locality: Argentina. Córdoba, La Granja, Alta Gracia. Distr. — Argentina.
- PEDESTRIS Alexander, 1952c:49, fig. 10 (male hypopygium). Type-locality: Chile, Juan Fernández, Masafuera, Inocentes Bajos. Distr. — Chile.
- PELATES Alexander, 1962c:99, figs. 74 (wing), 78 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal. Distr. — Bolivia.
- PENANA Alexander, 1956b:114. Type-locality: Peru, Cuzco, El Cuzco. Distr. — Peru. Ref. — Alexander, 1967a:302, figs. 22 (wing), 25 (male hypopygium).
- PENNIGERA Alexander, 1945d:266. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru. Ref. — Alexander, 1945L:380, fig. 9 (male hypopygium).
- PERALTA Alexander, 1945n:397. Type-locality: Ecuador, Chimborazo, Cumbrés de Titilac. Distr. — Ecuador. Ref. — Alexander, 1967a:302, fig. 26 (male hypopygium).
- PERDISTALIS Alexander, 1943b:108. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- PEREXCELSIOR Alexander, 1962c:100, figs. 75 (wing), 79 (male hypopygium). Type-locality: Bolivia, Illimani, "Westhang." Distr. — Bolivia.
- PERFLAVEOLA Alexander, 1927d:304 (*Limonia*). Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico, Panama.
- PERPUNCTICOSTA Alexander, 1950b:186 [*Limonia* (*Limonia*)]. Type-locality: Peru, Huanuco, Carpath. Distr. — Peru.
- PERRETRACTA Alexander, 1942a:221. Type-locality: Peru, Junín, Tarma, Huasahuasi. Distr. — Peru, Bolivia. Ref. — Alexander, 1962a:103, fig. 76 (wing).
- PERSERENA Alexander, 1946e:528. Type-locality: Mexico, Morelos, Tepoztlán. Distr. — Mexico.
- PERTRUNCATA Alexander, 1962c:103, figs. 77 (wing), 80 (male hypopygium). Type-locality: Bolivia, Yungas de Unduavi. Distr. — Bolivia.
- PIATTA (Philippi), 1865:614 (*Limnobia*). Type-locality: Chile, Valdivia. Distr. — Chile, Argentina. Ref. — Alexander 1929a:90, figs. 18 (wing), 180 (male hypopygium) [*Limonia* (*Limonia*)].
- stictica* Blanchard, 1852:342 (*Limnobia*; preocc. Meigen, 1818). Type-locality: Chile, Coquimbo, La Serena.
- blanchardi* Alexander, 1913b:488 (*Furcomyia*; unnecessary nom. nov. for *stictica* Blanchard). Type-locality: Chile, Coquimbo, La Serena.
- PIETATIS Alexander, 1943h:486, fig. 1 (male hypopygium). Type-locality: Ecuador, El Oro, Morro Morro, Las Pinas. Distr. — Ecuador.
- PINODES Alexander, 1929a:102, figs. 44 (wing), 188 (male hypopygium). Type-locality: Chile, Chiloé Is., Castro. Distr. — Chile.
- PLUVIALIS PLUVIALIS Alexander, 1929a:95, figs. 22 (wing), 184 (male hypopygium) [*Limonia* (*Limonia*)]. Type-locality: Chile, Concepción. Distr. — Chile, Argentina.
- ssp. CORRENTOSANA Alexander, 1929a:96 [*Limonia* (*Limonia*)]. Type-locality: Argentina, Rio Negro, Lago Correntoso. Distr. — Argentina.
- ssp. FUSCOLINEATA Alexander, 1929a:96 [*Limonia* (*Limonia*)]. Type-locality: Argentina, Rio Negro, Lago Correntoso. Distr. — Argentina.

- POLYSTICTA (Philippi), 1865:613 (*Limnobia*). Type-locality: Chile, Valdivia. Distr. — Chile, Argentina. Ref. — Alexander, 1929a:89, figs. 17 (wing), 179 (male hypopygium) [*Limonia* (*Limonia*)].
- POLYSTONYX Alexander, 1968a:21, fig. 3 (male hypopygium). Type-locality: Chile, Chiloé Is., Chaitén. Distr. — Chile.
- PRAECELLENS Alexander, 1944b:156, fig. 2 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- PRAEPOSTERA (Alexander), 1925a:342, figs. 1 (wing), 13 (male hypopygium) (*Dicranomyia*). Type-locality: Mexico, Mt. Tlaloc. Distr. — Mexico.
- PRAEVIA Alexander, 1952b:106 [*Limonia* (*Limonia*)]. Type-locality: Chile, Malleco, Río Blanco. Distr. — Chile.
- PUNOENSIS Alexander, 1945o:588. Type-locality: Peru, Puno. Distr. — Bolivia, Peru. Ref. — Alexander, 1962c:104, fig. 81 (male hypopygium).
- QUADRIGLADIA Alexander, 1944b:159, fig. 3 (male hypopygium). Type-locality: Peru, Junin, Tarma, Huasahuasi. Distr. — Peru.
- QUADRITUBERCULATA Alexander, 1937d:601. Type-locality: Colombia, Usme, near Bogotá. Distr. — Colombia.
- RAPIDA Alexander, 1946b:233, figs. 10 (wing), 14 (male hypopygium). Type-locality: Mexico, Michoacán, El Soledad. Distr. — Mexico.
- RAVIDA (Alexander), 1925a:343, figs. 2 (wing), 14 (male hypopygium) (*Dicranomyia*). Type-locality: Mexico, Chapingo. Distr. — Mexico.
- REGIFICA (Alexander), 1916a:5, pl. 2, fig. 1 (wing) (*Dicranomyia*). Type-locality: Peru, Lima, Matucana. Distr. — Peru, Bolivia, Argentina. Refs. — Alexander, 1962c:105, fig. 84 (male hypopygium); Bruch, 1939a: pl. 4, fig. 12 (wing).
- REPENTINA Alexander, 1929a:103, fig. 190 (male hypopygium). Type-locality: Argentina, Río Negro, Lake Gutiérrez. Distr. — Argentina.
- RETICULATA (Alexander), 1912b:334, fig. p (wing) (*Furcomyia*). Type-locality: Cuba, Pinar del Río, Sierra Rangel. Distr. — Mexico, Cuba, Jamaica. Ref. — Alexander, 1964a:42, fig. 38 (male hypopygium).
- SANCTAECRUZAE SANCTAECRUZAE (Alexander), 1920b:3 (*Dicranomyia*). Type-locality: Argentina, Santa Cruz, Valle Tunel. Distr. — Chile, Argentina. Ref. — Alexander, 1929a:104, fig. 24 (wing).
- ssp. IMMACULOSA Alexander, 1929a:105. Type-locality: Chile, Chiloé Is., Castro. Distr. — Argentina, Chile.
- ssp. VANA Alexander, 1929a:105. Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina.
- SCHINDLERI Alexander, 1962c:105, figs. 82 (wing), 85 (male hypopygium). Type-locality: Bolivia, Illimani, "Westhang". Distr. — Bolivia.
- SCIMITAR Alexander, 1942a:228, fig. 4 (male hypopygium). Type-locality: Peru, Junin, Tarma, Huasahuasi. Distr. — Ecuador, Peru.
- SELKIRKI (Alexander), 1920d:25 (*Dicranomyia*). Type-locality: Chile, Juan Fernández, Masatierra. Distr. — Chile. Ref. — Alexander, 1952c:50, figs. 14 (wing), 20 (male hypopygium).
- SEPOSTA Alexander, 1929a:88, fig. 42 (wing) [*Limonia* (*Limonia*)]. Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Chile, Argentina.
- SERRATILOBA Alexander, 1950a:41, fig. 8 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.

- SIBYLLINA Alexander, 1929a:106, fig. 26 (wing). Type-locality: Argentina, Rio Negro, Puerto Blest. Distr. — Argentina.
- SIMILIMA (Alexander), 1912b:361, fig. n (wing) (*Furcomylia*). Type-locality: Guatemala, Totonicapán. Distr. — Mexico. Guatemala, Venezuela, Peru.
- SIMULANS CONCINNA (Williston), 1893:60 (*Limnobia*). Type-locality: U.S.A., Washington State. Distr. — Western Neartic, Mexico.
- SMYTHIANA SMYTHIANA Alexander, 1942a:219, fig. 1 (wing). Type-locality: Peru, Chucuito, Lake Titicaca, Puno. Distr. — Peru.
- ssp. CURTISPINA Alexander, 1962c:107, figs. 83 (wing), 88 (male hypopygium). Type-locality: Bolivia, Illimani, "Westhang". Distr. — Peru, Bolivia.
- SPARSITUBER Alexander, 1962c:108, fig. 90 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia.
- SPLENDIDULA Alexander, 1930c:721 [*Limonia (Limonia)*]. Type-locality: Bolivia, Santa Cruz. Distr. — Bolivia.
- STUARDOI Alexander, 1952c:52, figs. 15 (wing), 21 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra, Miradero de Selkirk. Distr. — Chile.
- SUBANDICOLA Alexander, 1947e:60, fig. 6 (male hypopygium). Type-locality: Mexico, México, D.F., El Junquito. Distr. — Mexico. Venezuela, Peru, Bolivia.
- SUBANDINA (Alexander), 1913b:488 (*Furcomylia*; nom. nov. for *stigmatica* Blanchard). Type-locality: Chile, Coquimbo, La Serena. Distr. — Chile. Identity uncertain.
- stigmatica* Blanchard, 1852:341 (*Limnobia*; preocc. Meigen, 1830). Type-locality: Chile, Coquimbo, La Serena.
- SUBDOLA (Alexander), 1913d:404, fig. 1 (wing) (*Dicranomyia*). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- SUBFLAVIDA Alexander, 1929a:99, fig. 186 (male hypopygium). Type-locality: Argentina, Rio Negro, Lake Gutiérrez. Distr. — Chile, Argentina. Ref. — Alexander, 1967a:302, fig. 27 (male hypopygium).
- SUBMUTATA Alexander, 1942a:236, figs. 10 (wing), 11 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- SUBRAVIDA (Alexander), 1928a:105 (*Dicranomyia*). Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.
- SUBRETICULATA Alexander, 1943b:107 [*Limonia (Limonia)*]. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador. Ref. — Alexander, 1954c:240, fig. 14 (male hypopygium).
- TEINOTERGA Alexander, 1967a:303, figs. 23 (wing), 28 (male hypopygium). Type-locality: Colombia, Mount Redondo. Distr. — Colombia.
- THAMYRIS Alexander, 1950a:39, fig. 6 (male hypopygium) (*Limonia (Limonia)*). Type locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- THIXIS Alexander, 1967a:304, figs. 24 (wing), 29 (male hypopygium). Type locality: Chile, Arauco, Nahuelbuta, Pichinahuel. Distr. — Chile.
- TITICACANA Alexander, 1945d:268. Type-locality: Peru, Puno, Chucuito, near Lake Titicaca. Distr. — Peru, Bolivia. Refs. — Alexander, 1945L:380, fig. 8 (male hypopygium); 1962c:109, figs. 86 (wing), 87 (male hypopygium).

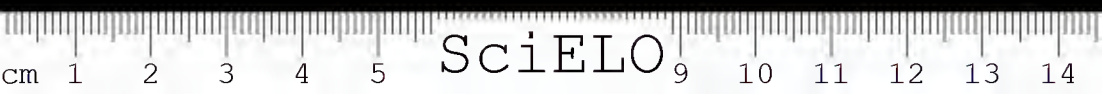
- TORULOSA Alexander, 1968c:211. Type-locality: Puerto Rico, Luquillo National Forest. Distr. — Puerto Rico.
- TRAGICA Alexander, 1946a:120 [*Limonia* (*Limonia*)]. Type-locality: Mexico. Chiapas, Finca Prussia. Distr. — Mexico. Subgenus incertum may be *Neolimonia*.
- TRILOBIFERA Alexander, 1967a:305, fig. 30 (male hypopygium). Type-locality: Chile, Cautín, La Cabana. Distr. — Chile.
- TRINITATIS Alexander, 1931a: 110. Type-locality: Cuba. Trinidad Mts., Buenos Aires. Distr. — Cuba.
- TRITUBERCULATA TRITUBERCULATA Alexander, 1929a:100, fig. 187 (male hypopygium). Type-locality: Chile, Mechuque Is. Distr. — Chile.
- ssp. INGLORIA Alexander, 1929a:101. Type-locality: Argentina, Río Negro, Bariloche. Distr. — Chile, Argentina.
- TROGLOPHILA Alexander, 1929a:92, fig. 19 (wing) [*Limonia* (*Limonia*)]. Type-locality: Argentina, Río Negro, Grotto de los Leones, 12 km. east of Bariloche. Distr. — Argentina.
- VENATRIX Alexander, 1952c:53, fig. 16 (wing). Type-locality: Chile, Juan Fernández, Masatierra, Miradero de Selkirk. Distr. — Chile
- VENERIS Alexander, 1952c:54, figs. 17 (wing), 25 (male hypopygium). Type-locality: Chile, Juan Fernández, Masafuera, Quebrada de las Casas. Distr. — Chile.
- VENUSTIOR Alexander, 1950b:192 [*Limonia* (*Limonia*)]. Type-locality: Peru. Huanuco, Sariapampa. Distr. — Peru, Bolivia.
- VERNALIS (Philippi), 1865:612 (*Limnobia*). Type-locality: Chile, Aconcagua, Catemu. Distr. — Chile. Identity uncertain.
- VILLARICAE Alexander, 1929d:770 [*Limonia* (*Limonia*)]. Type-locality: Paraguay, Guaira, Villarrica. Distr. — Paraguay.
- VIRILIS (Alexander), 1916a:4, pl. 1, fig. 5 (wing) (*Dicranomyia*). Type-locality: Peru, Lima, Matucana. Distr. — Peru.
- WEISERIANA Alexander, 1929d:771. Type-locality: Argentina, Catamarca, Quebrada Volcán, Agua Amarilla. Distr. — Argentina.
- YUNQUEANA Alexander, 1952c:55, fig. 18 (wing). Type-locality: Chile, Juan Fernández, Masatierra, Summit of El Yunque. Distr. — Chile.

Subgenus DISCOBOLA Osten Sacken

- DISCOBOLA Osten Sacken, 1865:226 (as genus). Type-species, *Limnobia argus* Say (Coquillett, 1910:534) = *annulata* (Linnaeus).
- Trochobola* Osten Sacken, 1869:97 (unjustified nom. nov. for *Discobola* Osten Sacken). Type-species, *Limnobia argus* Say (aut.) = *annulata* (Linnaeus). Ref. — Alexander, 1950b:194.
- GOWDEYI Alexander, 1932:384, fig. 26 (male hypopygium). Type-locality: Jamaica, Cinchona, Blue Mts. Distr. — Cuba, Jamaica. Ref. — Alexander, 1964a:32, figs. 19 (wing), 26 (male hypopygium).

Subgenus GERANOMYIA Haliday

- GERANOMYIA Haliday, 1833:154 (as genus). Type-species, *unicolor* Haliday (mon.) (Western Palaearctic).



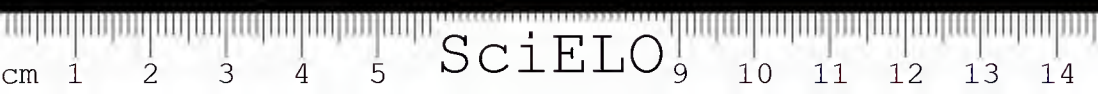
- Limnobiobrychus* Westwood, 1835b:683. Type-species, *brasiliensis* Westwood (Coquillett, 1910:561).
- Aporosa* Macquart, 1839:100. Type-species, *maculipennis* Macquart (Coquillett, 1910:509) = *canariensis* Bergroth.
- Plettusa* Philippi, 1865:597. Type-species, *virescens* Philippi (Coquillett, 1910:592) = *valida* Loew. Refs. — Alexander, 1929f:242; 1953f:77-95, figs. 1-9; 1954b:51-67, figs. 10-32; 1967a:306-313, figs. 31-39.
- AEQUABILIS AEQUABILIS (Alexander), 1923e:311 [*Geranomyia* (*Geranomyia*)]. Type-locality: Argentina, Córdoba, La Granja, Alta Gracia. Distr. — Argentina.
- ssp. DEPLEXA Alexander, 1941f:331. Type-locality: Peru, Junin, Tarma, Huacapistana. Distr. — Peru, Bolivia.
- AMBLTYLOS Alexander, 1964a:42, figs. 34 (wing), 39 (male hypopygium). Type-locality: Jamaica, Portland, Eccledown. Distr. — Jamaica.
- AMOENALIS Alexander, 1945d:270. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru. Ref. — Alexander, 1945L:380, fig. 10 (male hypopygium).
- ANDUZEANA Alexander, 1943d:133, fig. 3 (male hypopygium). Type-locality: Venezuela, Mérida, Apartaderos. Distr. — Venezuela.
- ANISACANTHA Alexander, 1964a:43, figs. 35 (wing), 40 (male hypopygium). Type-locality: Jamaica, St. Andrew, Bellevue. Distr. — Jamaica.
- ANTHINA Alexander, 1945d:271. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru. Ref. — Alexander, 1945L:380, fig. 11 (male hypopygium).
- ARECUNA Alexander, 1931b:11, figs. 5 (wing), 17 (male hypopygium). Type-locality: Venezuela, Mt. Roraima. Distr. — Venezuela.
- ARGENTINENSIS (Alexander), 1920b:1 (*Geranomyia*). Type-locality: Argentina, Buenos Aires. Distr. — Brazil, Argentina.
- ASSUETA Alexander, 1943b:111. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Mayorga Playa. Distr. — Ecuador. Ref. — Alexander, 1953f:87, fig. 1 (male hypopygium).
- AUSTROANDINA Alexander, 1929d:778. Type-locality: Argentina, Catamarca, Ciénega, near Agua Amarilla. Distr. — Argentina (preocc. by *austroandina* Alexander, 1929f:248).
- AVARA Alexander, 1944m:304, fig. 5 (male hypopygium). Type-locality: Brazil, Rio de Janeiro, Alto Itatiaia. Distr. — Brazil.
- BAHIENSIS Alexander, 1930c:724. Type-locality: Brazil, Bahia (Salvador). Distr. — Brazil.
- BANKSIANA Alexander, 1939d:114, fig. 14 (male hypopygium). Type-locality: Cuba, Soledad, near Cienfuegos. Distr. — Cuba.
- SEATRIX Alexander, 1945a:21. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador. Refs. — Alexander, 1945L:380, fig. 12 (male hypopygium); 1953f:88, fig. 2 (male hypopygium).
- RIARGENTATA Alexander, 1929e:398. Type-locality: Paraguay, Guaira, Villarica. Distr. — Brazil, Paraguay.
- BICINCTA BICINCTA (Alexander), 1921d:44 (*Geranomyia*). Type-locality: Peru, Loreto, Iquitos. Distr. — Peru.
- ssp. ANGUSTICINCTA (Alexander), 1921d:45 (*Geranomyia*). Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru.

- BRASILIENSIS (Westwood), 1835:683 (*Limnobia rhynchus*; part, only male).
Type-locality: Brazil, Bahia vicinity (Salvador). Distr. — Brazil.
- BREVISPINULA Alexander, 1930b:110. Type-locality: Mexico, Veracruz, Córdoba. Distr. — Mexico.
- BUSTILLOI Alexander, 1938h:435. Type-locality: El Salvador, San Salvador. Distr. — El Salvador. Ref. — Alexander, 1967a:310, fig. 32 (male hypopygium).
- CALLINOTA Alexander, 1941f:318. Type-locality: Peru, Junín, Tarma, Carapata. Distr. — Venezuela, Peru.
- CARUNCULATA CARUNCULATA Alexander, 1941g:349 (also 1946h:95, as 1938). Type-locality: Panama, Chiriquí, Potrerillos. Distr. — Panama, Ecuador, Peru. Ref. — Alexander, 1953f:88, fig. 3 (male hypopygium).
- ssp. MANABIANA Alexander, 1953f:89. Type-locality: Ecuador, Manabí, Palmar. Distr. — Ecuador, Bolivia.
- CERBERUS (Alexander), 1927c:266 (*Geranomyia*). Type-locality: Guatemala, Escuintla. Distr. — Mexico, Guatemala, Costa Rica, Panama.
- CERTHIA (Alexander), 1916d:492 (*Geranomyia*). Type-locality: Guatemala, Antigua. Distr. — Guatemala, El Salvador, Venezuela, Peru, Brazil.
- CINEREINOTA (Alexander), 1913d:407, fig. 4 (wing) (*Geranomyia*). Type-locality: Bolivia, Yungas de Coroico. Distr. — Venezuela, Guyana, Ecuador, Peru, Brazil, Bolivia, Paraguay, Dominican Republic, Jamaica, Puerto Rico. Refs. — Alexander, 1932:362; 1953f:89, fig. 4 (male hypopygium); 1964a:46, fig. 41 (male hypopygium).
- domingensis* Alexander, 1916d:490 (*Geranomyia*). Type-locality: Hispaniola: Dominican Republic, San Francisco Mts.
- CIVICA Alexander, 1939a:70. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico, Jamaica. Ref. — Alexander, 1964a:46, fig. 42 (male hypopygium).
- CONQUISITA Alexander, 1941f:330, fig. 7 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.
- CONTORTA Alexander, 1941f:320, fig. 3 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.
- COSTARICENSIS (Alexander), 1916d:494 (*Geranomyia*). Type-locality: Costa Rica, Cartago. Distr. — Costa Rica.
- CUBANA Alexander, 1929e:396. Type-locality: Cuba, Hanabánilla Falls. Distr. — Cuba.
- DAMICOI Alexander, 1942i:54, figs. 19 (wing), 20 (male hypopygium). Type-locality: Brazil, São Paulo, São Paulo, Cabeceiras do M'Boi Guaçu. Distr. — Brazil.
- DELICIOSA Alexander, 1934a:61. Type-locality: Panama, Chiriquí, Finca Parada. Distr. — Panama, Peru.
- DESTRUCTA Alexander, 1940a:287. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Venezuela, Ecuador, Peru. Ref. — Alexander, 1953f:90, fig. 5 (male hypopygium).
- LEVOTA Alexander, 1929f:247 (nom. nov. for *pulchella* Alexander). Type-locality: Guyana, Bartica. Distr. — Guyana.
- pulchella* Alexander, 1914c:228, pl. 3, fig. 3 (wing) (*Geranomyia*; preocc. Meigen, 1830). Type-locality: Guyana, Bartica.

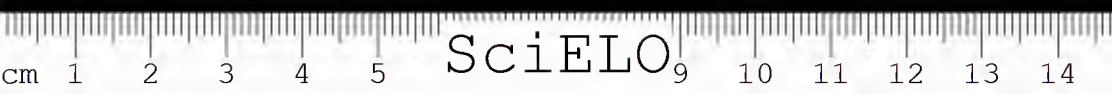


- DIABOLICA Alexander, 1944L:181, fig. 4 (male hypopygium). Type-locality: Venezuela, Aragua, Choroní. Distr. — Venezuela.
- DIARGYRIA Alexander, 1941f:321, fig. 4 (male hypopygium). Type-locality: Peru, Huanuco, Pumahuasi. Distr. — Peru.
- DISPARILIS Alexander, 1946e:529. Type-locality: Mexico, Chiapas, Finca Victoria. Distr. — Mexico, Peru.
- DOMINICANA Alexander, 1939d:94. Type-locality: Lesser Antilles, Dominica, Sylvania Estate. Distr. — Dominica.
- ENDERLEINI Alexander, 1913b:487 (nom. nov. for *annulata* Enderlein). Type-locality: "Costa Rica". Distr. — Costa Rica.
annulata Enderlein, 1912:72, fig. T¹ (wing) (*Geranomyia*; preocc. Linnaeus, 1758). Type-locality: "Costa Rica".
- EURYGRAMMA EURYGRAMMA (Alexander), 1928a:107 (*Geranomyia*). Type-locality: Mexico, Veracruz, Córdoba, Barranca of the Río San Antonio. Distr. — Mexico, Panama, south to Ecuador. Refs. — Alexander, 1953f:90, fig. 6 (male hypopygium); 1964a:50, fig. 48 (male hypopygium).
- ssp. STENOMERA Alexander, 1964a:47, figs. 43 (wing), 47 (male hypopygium). Type-locality: Jamaica, St. Andrew, Second Breakfast Spring. Distr. — Jamaica.
- FLUXA Alexander, 1941g:350 (also 1946h:97). Type-locality: Panama, Chiriquí, Potrerillos. Distr. — Mexico, Panama, Venezuela, Peru.
- FORSTERIANA Alexander, 1962c:111, fig. 91 (wing). Type-locality: Bolivia. Illimani, "Westhang". Distr. — Bolivia.
- FUROR Alexander, 1944L:183, fig. 5 (male hypopygium). Type-locality: Venezuela, Miranda, Río Chacaito. Distr. — Venezuela.
- GAUDENS (Alexander), 1922b:208 [*Geranomyia* (*Geranomyia*)]. Type-locality: Argentina, Tucumán, San Pedro de Colalao. Distr. — Argentina.
- GLAUCA (Alexander), 1916a:12, pl. 2, fig. 7 (wing) (*Geranomyia*). Type-locality: Ecuador, Huigra. Distr. — Peru, Ecuador. Ref. — Alexander, 1953f:91, fig. 7 (male hypopygium).
- GUATEMALENSIS (Alexander), 1916d:487 (*Geranomyia*). Type-locality: Guatemala, Aguna. Distr. — Southwestern U.S.A., Mexico, Guatemala, Costa Rica, Venezuela.
- GUIANENSIS Alexander, 1930c:725. Type-locality: Guyana, Koriabo, Barima River. Distr. — Guyana.
- HETEROXIPHA Alexander, 1942f:787, fig. 7 (male hypopygium). Type-locality: Peru, Ayacucho, Sivia. Distr. — Peru.
- HIRSUTINOTA Alexander, 1943b:114. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador, Peru. Ref. — Alexander, 1953f:91, fig. 8 (male hypopygium).
- IMMERITA Alexander, 1929e:402. Type-locality: Paraguay, Guaira, Villarrica. Distr. — Brazil, Paraguay.
- INAEQUISPINOSA Alexander, 1940a:285. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador, Bolivia. Refs. — Alexander, 1953f:92, fig. 9 (male hypopygium); 1962c:113, fig. 92 (male hypopygium).
- INAEQUITUBERCULATA Alexander, 1929e:401. Type-locality: Paraguay, Guaira, Villarrica. Distr. — Paraguay.

- INFAMOSA Alexander, 1937e:59. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- INQUISITA Alexander, 1942f:785. Type-locality: Peru, Ayacucho, La Mar. Ayna. Distr. — Ecuador, Peru, Brazil, Bolivia. Ref. — Alexander, 1954b:51, fig. 10 (male hypopygium).
- INSIGNIS (Loew), 1851:395 (*Aporosa*). Type-locality: "Brazil". Distr. — Guyana, Ecuador, Brazil. Ref. — Alexander, 1916d:547, fig. 9 (wing).
- INTERMEDIA (Walker), 1848:47 (*Limnobia*). Type-locality: "Jamaica". Distr. — U.S.A. (Louisiana), Jamaica, Cuba. Refs. — Alexander, 1916d:489, fig. 3 (wing); 1964a:48, figs. 44 (wing), 50 (male hypopygium).
- remingtoni* Alexander, 1946j:247. Type-locality: USA: Louisiana. Orleans Parish, Chalmette. Ref. — Alexander, 1964a:48, figs. 44 (wing), 50 (male hypopygium).
- KNABIANA (Alexander), 1916d:487 (*Geranomyia*). Type-locality: Panama. Canal Zone. Distr. — Guatemala, Panama.
- LACHRYMALIS (Alexander), 1916a:9, pl. 2, fig. 3 (wing) (*Geranomyia*). Type-locality: Ecuador, Napo-Pastaza, Huigra. Distr. — Mexico, Guatemala, Costa Rica, Panama, Ecuador, Peru, Brazil. Refs. — Alexander, 1916d:492, fig. 6 (wing); 1954b:52, fig. 11 (male hypopygium).
- LACTEITARSIS (Alexander), 1922c:34 (*Geranomyia*). Type-locality: Colombia, Condoto. Distr. — Colombia.
- LATITUDINIS Alexander, 1954a:34. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- LAUDANDA Alexander, 1938d:330. Type-locality: Colombia, Usme. Distr. — Colombia, Venezuela. Ref. — Alexander, 1943d:133.
- LEMNISCATA Alexander, 1929c:399. Type-locality: Paraguay, Santa Barbara. Distr. — Paraguay.
- LICHYI Alexander, 1943d:136. Type-locality: Venezuela, Mérida, Chachapo. Distr. — Venezuela.
- LINEATA (Enderlein), 1912:73, fig. U1 (wing) (*Geranomyia*). Type-locality: Colombia, Hacienda Pehlke. Distr. — Colombia.
- LUTEIMANA Alexander, 1938g:425. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador, Peru, Brazil. Ref. — Alexander, 1954b:52, fig. 12 (male hypopygium).
- LYCAON Alexander, 1952f:326 (nom. nov. for *pallidula* Alexander). Type-locality: St. Vincent. Distr. — Guyana, St. Vincent, Trinidad.
- pallida* Williston, 1896a:284, pl. 9, fig. 53 (wing) (*Geranomyia*; preocc. Macquart, 1838). Type-locality: St. Vincent.
- pallidula* Alexander, 1929f:247 (nom. nov. for *pallida* Williston; preocc. Abreu, 1923). Type-locality: St. Vincent.
- MACRAUCHIENIA Alexander, 1956b:116. Type-locality: Peru, Huanuco, Chinchao. Distr. — Peru. Ref. — Alexander, 1967a:311, fig. 33 (male hypopygium).
- MACTA Alexander, 1945d:274. Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr. — Brazil. Ref. — Alexander, 1967a:311, fig. 34 (male hypopygium).



- MARTHAE Alexander, 1930c:726. Type-locality: Colombia, Magdalena, Mt. Santa Marta, Vista Nieve. Distr. — Bolivia, Colombia, Venezuela. Ref. — Alexander, 1967a:311, fig. 35 (male hypopygium).
- MEXICANA (Bcllardi), 1861:1 (*Aporosa*). Type-locality: Mexico, Tuxpango, Orizaba. Distr. — Mexico.
- MICROPHAEA Alexander, 1939d:95, fig. 15 (male hypopygium). Type-locality: Lesser Antilles: Dominica, Layou River, on Hatton Garden Trail. Distr. — Dominica.
- MILITARIS Alexander, 1952f:326 (nom. nov. for *viridula* Alexander). Type-locality: Mexico, Quintana Roo, Payo Obispo (=Ciudad Chetumal). Distr. — Mexico, Jamaica. Ref. — Alexander, 1964a:52, fig. 54 (male hypopygium).
- viridula* Alexander, 1930b:110 (preocc. Alexander, 1922h). Type-locality: Mexico, Quintana Roo, Payo Obispo (= Ciudad Chetumal).
- MYERSIANA Alexander, 1929e:397. Type-locality: Cuba, Hababanilla Falls. Distr. — Cuba, Jamaica, Puerto Rico. Refs. — Alexander, 1932:363; 1964a:49, figs. 45 (wing), 49 (male hypopygium).
- NEANTHINA Alexander, 1954d:142. Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- NEOGAUDENS Alexander, 1942f:784. Type-locality: Peru, Ayacucho, Huanta, Lake Rasvilca. Distr. — Colombia, Peru.
- NEONUMENIUS Alexander, 1930c:729. Type-locality: Colombia, Magdalena, Mt. Santa Marta, Vista Nieve. Distr. — Colombia.
- NEOPARILIS Alexander, 1962c:113, fig. 93 (male hypopygium). Type-locality: Bolivia, Cuticucho, Yungas de Songo Valley. Distr. — Bolivia.
- NEOPENTHERES Alexander, 1930b:109. Type-locality: Mexico, Veracruz, Córdoba. Distr. — Mexico.
- NIGRIPLEURA (Alexander), 1919a:136, fig. 1 (wing) (*Geranomyia*). Type-locality: Panama, Bocas del Toro, San San. Distr. — Panama.
- NUGATORIA Alexander, 1943b:112. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Mayorga Playa. Distr. — Ecuador, Brazil. Ref. — Alexander, 1954b:53, fig. 13 (male hypopygium).
- NUMENIUS (Alexander), 1913d:406, fig. 3 (wing) (*Geranomyia*). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Panama, Ecuador, Peru. Ref. — Alexander, 1954b:53, fig. 14 (male hypopygium).
- ONERIS Alexander, 1956b:117. Type-locality: Peru, Huanuco, Sariapampa. Distr. — Peru. Ref. — Alexander, 1967a:311, fig. 37 (male hypopygium).
- OPINATOR Alexander, 1950a:42, fig. 16 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- OPULENS Alexander, 1945n:405. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador, Brazil. Ref. — Alexander, 1954b:54, fig. 15 (male hypopygium).
- ORTHORHABDA Alexander, 1940b:152. Type-locality: Mexico, Nuevo León, Horse-Tail Falls. Distr. — Mexico.
- ITALIDAPEX Alexander, 1945n:404. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador, Brazil. Ref. — Alexander, 1954b:54, fig. 16 (male hypopygium).

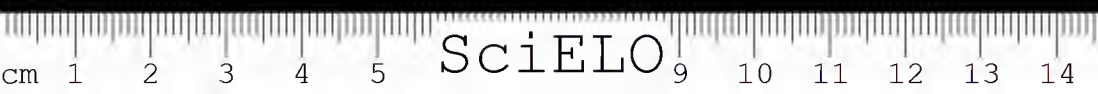


- PARILIS** Alexander, 1945n:407. Type-locality: Ecuador, Tungurahua, Runtun, above Baños. Distr. — Ecuador, Brazil. Ref. — Alexander, 1954b:55, fig. 17 (male hypopygium).
- PASTAZINA** Alexander, 1944d:312. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Mayorga Playa. Distr. — Ecuador, Brazil. Ref. — Alexander, 1954b:55, fig. 18 (male hypopygium).
- PENTHERES** (Alexander), 1928a:106 (*Geranomyia*). Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.
- PERFECTA** (Alexander), 1928a:109 (*Geranomyia*). Type-locality: Mexico, Nayarit, near Tepic. Distr. — Mexico.
- PLATENSIS** (Alexander), 1923c:310 [*Geranomyia* (*Geranomyia*)]. Type-locality: Argentina, La Plata. Distr. — Argentina. Ref. — Bruch, 1939a, pl. 3, fig. 4 (head); pl. 4, fig. 11 (wing); pl. 5, fig. 15 (entire female).
- PLUMBEICOLOR** Alexander, 1938c:325. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- PLUMBEIPLEURA** (Alexander), 1916a:10, pl. 2, fig. 4 (wing) (*Geranomyia*). Type-locality: Ecuador, Huigra. Distr. — Panama, Colombia, Venezuela, Ecuador, Peru, Brazil, Dominica, Trinidad. Ref. — Alexander, 1954b:56, fig. 19 (male hypopygium).
- PROPERA** Alexander, 1949b:476, figs. 9 (wing), 13 (male hypopygium). Type-locality: Brazil, São Paulo, Campos do Jordão, Homem Morto. Distr. — Brazil.
- PROVOCATOR** Alexander, 1941f:327, fig. 6 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huasahuasi. Distr. — Peru.
- RABULA** Alexander, 1940a:284. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador, Brazil. Ref. — Alexander, 1954b:57, fig. 20 (male hypopygium).
- RECISA** (Alexander), 1927c:267 (*Geranomyia*). Type-locality: El Salvador, Agronomia, Sonsonate. Distr. — Mexico, El Salvador, Panama, Ecuador, Peru, Brazil.
- RECONDITA** (Alexander), 1921d:42 (*Geranomyia*). Type-locality: Peru, Loreto, Iquitos. Distr. — Guyana, Panama, Ecuador, Peru, Brazil. Ref. — Alexander, 1954b:57, fig. 21 (male hypopygium).
- gelatifer* Edwards, 1934:633. Type-locality: "Guyana".
- REFUGA** Alexander, 1944d:311. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador, Brazil. Ref. — Alexander, 1954b:58, fig. 22 (male hypopygium).
- RELATA** Alexander, 1944m:306, fig. 6 (male hypopygium). Type-locality: Brazil, Rio de Janeiro, Alto Itatiaia. Distr. — Brazil.
- ROSTRATA ANTILLARUM** Alexander, 1929e:395. Type-locality: Cuba, Soledad. Distr. — Cuba, Jamaica, Puerto Rico. Refs. — Alexander, 1932:362; 1964a:49, figs. 46 (wing), 51 (male hypopygium).
- RUBIGINOSA** Alexander, 1931b:11, fig. 6 (wing). Type-locality: Venezuela, Mt. Duida. Distr. — Venezuela, Brazil.
- RUFESCENS** (Loew), 1851:396 (*Aporosa*). Type-locality: "Puerto Rico". Distr. — Puerto Rico. Ref. — Alexander, 1932:363.
- SATIPOANA** Alexander, 1945d:272. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru. Ref. — Alexander, 1945L:380, fig. 13 (male hypopygium).



- SCOLOPAX (Alexander), 1913d:408 (*Geranomyia*). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Guatemala, Venezuela, Ecuador, southward to Peru. Refs. — Alexander, 1916a:12, pl. 2, fig. 5 (wing); 1954b:58, fig. 23 (male hypopygium).
- SEPARATA (Alexander), 1921d:45 (*Geranomyia*). Type-locality: Peru, Loreto, Yurimaguas. Distr. — Ecuador, Peru, Brazil, Bolivia. Ref. — Alexander, 1954b:59, fig. 24 (male hypopygium).
- SEROTINA (Alexander), 1923c:309 [*Geranomyia (Geranomyia)*]. Type-locality: Argentina, Córdoba, La Granja, Alta Gracia. Distr. — Argentina.
- STENOLEUCA Alexander, 1956b:118. Type-locality: Peru, Huanuco, Fundo Sinchono. Distr. — Peru.
- STENOPHALLUS Alexander, 1944d:310. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Mayorga Playa. Distr. — Venezuela, Ecuador, Peru, Brazil. Ref. — Alexander, 1954b:59, fig. 25 (male hypopygium).
- STOICA Alexander, 1941f:325, fig. 5 (male hypopygium). Type-locality: Peru, Junín, Tarma, Carpapata. Distr. — Peru, Bolivia.
- STYLOBTUSA Alexander, 1967a:311, figs. 31 (wing), 36 (male hypopygium). Type-locality: Peru, Huanuco, Tingo Maria. Distr. — Peru.
- SUBGAUDENS Alexander, 1941f:324. Type-locality: Peru, Junín, Tarma, Huasahuasi. Distr. — Peru.
- SUBINSIGNIS (Alexander), 1916d:495 (*Geranomyia*). Type-locality: Guatemala, Aguna. Distr. — Mexico, Guatemala, El Salvador, Panama.
- SUBPARILIS Alexander, 1962c:115, fig. 94 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chaparc, Locotal, El Limbo. Distr. — Bolivia.
- SUBPENTHERES Alexander, 1943b:113. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Mayorga Playa. Distr. — Ecuador, Brazil. Ref. — Alexander, 1954b:60, fig. 26 (male hypopygium).
- SUBRECISA Alexander, 1932:364. Type-locality: Puerto Rico, Vieques Is., Puerto Real. Distr. — Puerto Rico.
- SUBSEROTINA (Alexander), 1921a:72 (*Geranomyia*). Type-locality: Argentina, Jujuy. Distr. — Argentina.
- SUBVIRESCENS SUBVIRESCENS Alexander, 1930b:112. Type-locality: Cuba, Trinidad Mts. Distr. — Cuba, Venezuela.
- ssp. CLEMENTIS Alexander, 1945o:591. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- ssp. JAMAICAE Alexander, 1939d:115. Type-locality: Jamaica, Port Antonio. Distr. — Jamaica. Ref. — Alexander, 1964a:51, fig. 52 (male hypopygium).
- SUMPTUOSA Alexander, 1942f:782. Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- SYLVANIA Alexander, 1939d:97, fig. 16 (male hypopygium). Type-locality: Lesser Antilles: Dominica, Sylvania Estate. Distr. — Dominica.
- TATEI Alexander, 1931b:9, figs. 4 (wing), 16 (male hypopygium). Type-locality: Venezuela, Mt. Roraima. Distr. — Venezuela, Brazil.
- TIBIALIS (Loew), 1851:397 (*Aporosa*). Type-locality: "Brazil". Distr. — Mexico, Venezuela, Guyana, Galápagos, Peru, Brazil, Bolivia, Argentina, Paraguay, Dominican Republic, Jamaica, Puerto Rico,

- Dominica, Granada Is. Refs. — Alexander, 1916d:491, fig. 5 (wing); 1932:365; 1954b:60, fig. 27 (male hypopygium); 1962d:3, figs. 3 (wing), 4 (male hypopygium); 1964a:52, fig. 53 (male hypopygium).
- TIMENS** Alexander, 1950a:43, figs. 10 (wing), 17 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- TOWNSENDI** (Alexander), 1916a:11, pl. 2, fig. 6 (wing) (*Geranomyia*). Type-locality: Peru, Lima, Matucana. Distr. — Peru.
- TRANSITORIA** Alexander, 1941f:322. Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.
- TRICHOMERA** Alexander, 1939a:72. Type-locality: Mexico, Chiapas, Finca Belem. Distr. — Mexico.
- TRISTELLA** Alexander, 1929f:247 (nom. nov. for *tristis* Loew). Type-locality: "Brazil". Distr. — Brazil.
- tristis* Loew, 1851:398 (*Aporosa*; preocc. Schummel, 1829). Type-locality. "Brazil".
- TULUMAYOENSIS** Alexander, 1944g:303, fig. 5 (male hypopygium). Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- TUMIDIBASIS** Alexander, 1938g:426. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Rio Pastaza. Distr. — Ecuador, Brazil, Bolivia. Ref. — Alexander, 1954b:61, fig. 28 (male hypopygium).
- TURBIDA** (Alexander), 1928a:107 (*Geranomyia*). Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.
- UBERIS** Alexander, 1939a:71. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico.
- UMBRICOLOR** Alexander, 1937c:491. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador, Peru, Brazil. Ref. — Alexander, 1954b:61, fig. 29 (male hypopygium).
- UNISPINIFERA** Alexander, 1938c:326. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- VALIDA** (Loew), 1851:398 (*Aporosa*). Type-locality: "Chile". Distr. — Chile, Argentina. Refs. — Alexander, 1913d:406, fig. 2 (wing); 1929a:71, fig. 39 (wing).
- virescens* Philippi, 1865:597 (*Plettusa*; preocc. Loew, 1851). Type-locality: Chile, Valdivia.
- testacea* Philippi, 1865:598 (*Plettusa*). Type-locality: "Chile".
- philippii* Alexander, 1913b:487 (*Geranomyia*; unnecessary nom. nov. for *virescens* Philippi). Type-locality: Chile, Valdivia.
- VARIEGATA** (Walker), 1837:333 (*Geranomyia*). Type-locality: Brazil, São Paulo, São Paulo. Distr. — Brazil.
- VERSUTA** Alexander, 1930c:728. Type-locality: Colombia, Magdalena, Mt. Santa Marta, Vista Nieve. Distr. — Mexico, Colombia. Ref. — Alexander, 1967a:312, fig. 38 (male hypopygium).
- VILLARICENSIS** Alexander, 1929e:400. Type-locality: Paraguay, Guaira, Villarrica. Distr. — Paraguay.
- VINDICTA** **VINDICTA** Alexander, 1943c:21. Type-locality: Venezuela, Miranda, Río Chacaito. Distr. — Venezuela. Refs. — Alexander, 1944c:43, fig. 5 (male hypopygium); 1954b:62, fig. 31 (male hypopygium).
- ssp. DILUCIDA** Alexander, 1954b:62, fig. 32 (male hypopygium). Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Brazil, Ecuador.



- VIRESCENS (Locw), 1851:398 (*Aporosa*). Type-locality: Lesser Antilles: Virgin Is., St. Thomas. Distr. — U.S.A. (Florida), Guyana, Puerto Rico, Virgin Is. Ref. — Alexander, 1932:365.
- VIRIDELLA Alexander, 1930b:111. Type-locality: British Honduras, Cayo District, Yalbac. Distr. — British Honduras.
- WALKERI Alexander, 1930c:730. Type-locality: Colombia, Magdalena, Mt. Santa Marta, Vista Nieve. Distr. — Colombia, Venezuela, Brazil.
- XANTHOPLACA (Alexander). 1921d:43 (*Geranomyia*). Type-locality: Peru. Loreto, Iquitos. Distr. — Ecuador, Peru, Brazil. Ref. — Alexander, 1954b:63, fig. 30 (male hypopygium).
- YUNQUENSIS Alexander, 1956b:119. Type-locality: Puerto Rico, El Yunque. Distr. — Puerto Rico. Ref. — Alexander, 1967a:312, fig. 39 (male hypopygium).

Subgenus IDIOGLOCHINA Alexander

- Dicranomyia*, subg. IDIOGLOCHINA Alexander, 1921f:207. Type-species, *Rhipidia tusitala* Alexander (orig. des.) (Australasian).
- Limonia*, subg. *Idioglochina*; Alexander. 1929f:243. Ref. — Alexander. 1967b:314, figs. 40, 41, 47.
- AMBROSIANA Alexander, 1962a:38. Type-locality: Chile, Isla San Ambrosio. Distr. — Chile. Ref. — Alexander, 1967a:314, figs. 40 (wing), 47 (male hypopygium).
- LATIBASIS Alexander, 1967a:314, fig. 41 (wing). Type-locality: Chile, Tarapacá, Arica. Distr. — Chile.
- PORTERI (Alexander), 1919a:123 (*Dicranomyia*). Type-locality: Chile, Antofagasta. Distr. — Chile.

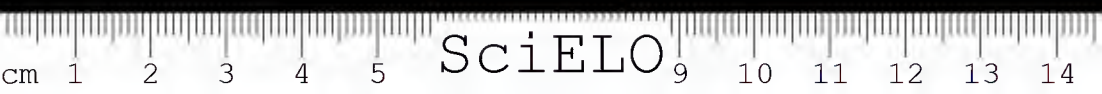
Subgenus NEOGLOCHINA Alexander

- Limonia*, subg. NEOGLOCHINA Alexander, 1967a:316. Type-species, *felix* Alexander, (orig. des.) (Neotropical).
- AURIGENA Alexander, 1944d:309 [*Limonia* (*Limonia*)]. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Cunibunda. Distr. — Ecuador. Ref. — Alexander, 1954c:235, fig. 2 (male hypopygium).
- CAPNORA CAPNORA (Alexander), 1921d:47 (*Dicranomyia*). Type-locality: Peru, Loreto, Napo River. Distr. — Peru.
- ssp. METAE Alexander, 1938h:434 [*Limonia* (*Limonia*)]. Type-locality: Colombia, Meta, Restrepo. Distr. — Colombia.
- CURRANIANA Alexander, 1944h:378 [*Limonia* (*Limonia*)]. Type-locality: Panama, Canal Zone, Barro Colorado Is. Distr. — Panama. Ref. — Alexander, 1945L:378, figs. 3 (wing), 4 (male hypopygium).
- ESAU Alexander, 1947f:85, figs. 5 (wing), 6 (male hypopygium) [*Limonia* (*Limonia*)]. Type-locality: Venezuela, Aragua, Choroni. Distr. — Venezuela, Ecuador.
- FELIX Alexander, 1950b:180 [*Limonia* (*Limonia*)]. Type-locality: Peru, Junín, Tarma, Utcuyacu. Distr. — Peru.
- FUMOSA (Alexander), 1912b:364, fig. t (wing) (*Furcomyia*). Type-locality: Guyana, Amatuik. Distr. — Panama, Venezuela, Guyana.

- CROSSA Alexander, 1938g:422 [*Limonia (Limonia)*]. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador. Ref. — Alexander, 1954c:236, fig. 4 (male hypopygium).
- IMPETURBATA Alexander, 1951a:99 [*Limonia (Limonia)*]. Type-locality: Guatemala, Chicacao. Distr. — Guatemala.
- INFUCATA Alexander, 1927d:303 (*Limonia*). Type-locality: Mexico, Chiapas, San Cristobal. Distr. — Mexico.
- INGENS Alexander, 1945e:232, fig. 2 (male hypopygium) [*Limonia (Limonia)*]. Type-locality: Brazil, Rio de Janeiro, Teresópolis, Serra dos Órgãos. Distr. — Brazil.
- INSULARIS (Williston), 1896a:287, fig. 58 (wing) (*Limnobia*). Type-locality: Lesser Antilles: St. Vincent. Distr. — Dominica, St. Vincent.
- LEUCOSEELIS Alexander, 1950b:183, figs. 11 (wing), 15 (male hypopygium) [*Limonia (Limonia)*]. Type-locality: Peru, Loreto, Cerro Azul, Upper Ucayali River. Distr. — Peru.
- LIMBINERVIS Alexander, 1941a:249 [*Limonia (Limonia)*]. Type-locality: Peru, Junín, Satipo. Distr. — Peru.
- LUTZI (Alexander), 1912b:339 (*Furcomyia*). Type-locality: Guyana. Tukeit. Distr. — Guyana.
- MESOTRICHIA Alexander, 1944h:379 [*Limonia (Limonia)*]. Type-locality: Panama, Canal Zone, Barro Colorado Is. Distr. — Panama. Ref. — Alexander, 1945L:378, figs. 5 (wing), 6 (male hypopygium).
- MONILIGERA Alexander, 1967a:318, figs. 42 (wing), 49 (male hypopygium). Type-locality: Ecuador, Napo-Pastaza, Libertad, Tena. Distr. — Ecuador.
- MULTISIGNATA Alexander, 1936d:753 [*Limonia (Limonia)*]. Type-locality: Brazil, Santa Catarina, Nova Teutônia.
- PERNOBILIS Alexander, 1941a:248 [*Limonia (Limonia)*]. Type-locality: Peru, Junín, Satipo. Distr. — Peru.
- PRAECLARA Alexander, 1928f:636 [*Limonia (Limonia)*]. Type-locality: Argentina, Misiones, Iguazu Falls. Distr. — Brazil, Argentina. Ref. Alexander, 1950b:190, fig. 19 (male hypopygium).
- SCIASMA Alexander, 1950b:190, figs. 13 (wing), 20 (male hypopygium). [*Limonia (Limonia)*]. Type-locality: Peru, Loreto, Cerro Azul, Contamana. Distr. — Peru.
- TELEBOCINCTA Alexander, 1941g:347 (also 1946h:93, as 1938) [*Limonia (Limonia)*]. Type-locality: Panama, Chiriquí, Potrerillos. Distr. — Panama.

Subgenus NEOLIMNOBIA Alexander

- Dicranomyia*, subg. NEOLIMNOBIA Alexander, 1928g:20. Type-species, *Limnobia diva* Schiner (orig. des.) (Neotropical).
- Limonia*, subg. *Neolimnobia*; Alexander, 1929f:244; 1950b:193.
- ANTHRACOPODA Alexander, 1938c:324. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil, Bolivia.
- ARCHANGELICA Alexander, 1942g:173, figs. 4 (wing), 11 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- CORALLINA Alexander, 1938g:423. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador. Ref. — Alexander, 1954c:243, fig. 16 (male hypopygium).



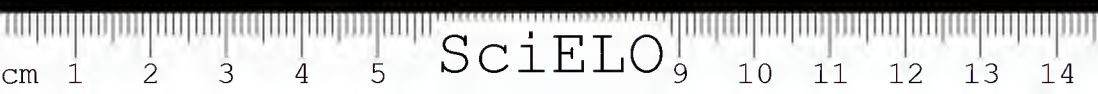
- DIVA (Schiner), 1868:46 (*Limnobia*). Type-locality: "Brazil". Distr. — Mexico, Panama, Venezuela, Brazil, Bolivia, Cuba, Jamaica, Puerto Rico. Refs. — Alexander, 1932:357; 1943d:138; 1964a:13, figs. 18 (wing), 25 (male hypopygium).
- EXCELSIOR Alexander, 1944g:300. Type-locality: Peru, Huanuco, Piedras Grandes. Distr. — Peru.
- HYPOCRITA Alexander, 1935a:320. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- IMMACULIPES Alexander, 1935a:319. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- MUSCOSA (Enderlein), 1912:75, fig. W1 (wing) (*Dicranomyia*). Type-locality: Ecuador, Santa Inez. Distr. — Ecuador.
- PUGILIS Alexander, 1943b:110. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Mayorga Playa. Distr. — Ecuador. Ref. — Alexander, 1954c:244, fig. 18 (male hypopygium).
- STYGIORNIS Alexander, 1962c:78, fig. 51 (wing). Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia.
- TRICINETA TRICINETA (Alexander), 1913d:405 (*Dicranomyia*). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru, Bolivia.
ssp. TEXTRINA Alexander, 1967a:319. Type-locality: Peru, Huanuco, Carpish. Distr. — Peru.

Subgenus NEOLIMONIA Alexander

- Limonia*, subg. NEOLIMONIA Alexander, 1964a:28. Type-species, *Furcomyia eiseni* Alexander, (orig. des.) (Neotropical). Ref. — Alexander, 1967a:320, fig. 48.
- AMAZONICA (Alexander), 1920b:2 (*Dicranomyia*). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Brazil.
- AUSTERA Alexander, 1950b:175, fig. 14 (male hypopygium) [*Limonia (Limonia)*]. Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- BIMUCRONATA Alexander, 1938g:419 [*Limonia (Limonia)*]. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador, Bolivia. Ref. — Alexander, 1954c:235, fig. 3 (male hypopygium).
- BORINQUENSIS Alexander, 1950b:177 [*Limonia (Limonia)*]. Type-locality: Puerto Rico, Luquillo National Forest, El Yunque. Distr. — Puerto Rico.
- CARIBAEA Alexander, 1932:383, fig. 25 (male hypopygium) [*Limonia (Limonia)*]. Type-locality: Cuba, Trinidad Mts., Santa Clara, San Blas. Distr. — Cuba.
- CORDILLERENSIS (Alexander), 1913c:196, pl. 5, fig. 1 (wing) (*Dicranomyia*). Type-locality: Colombia, Cauca, Valle de las Papas. Distr. — Colombia.
- CUZCOENSIS Alexander, 1967a:321, figs. 43 (wing), 48 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- DECEPTRIX Alexander, 1945j:14 [*Limonia (Limonia)*]. Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- LICAX Alexander, 1941f:313 [*Limonia (Limonia)*]. Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru, Bolivia.



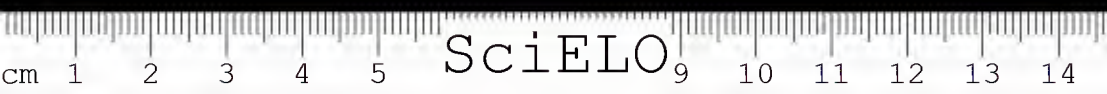
- DOMBALLAH Alexander, 1939d:108, fig. 3 (wing) [*Limonia (Limonia)*]. Type-locality: Hispaniola: Dominican Republic, Loma Rucilla. Distr. — Dominican Republic.
- EISENI (Alexander), 1912b:338, fig. s (wing) (*Furcomyia*). Type-locality: Guatemala, Aguna. Distr. — Guatemala, Panama, Guyana, Brazil. Ref. — Alexander, 1964a:28, figs. 17 (wing), 24 (male hypopygium).
- EURYLEON Alexander, 1950b:179, fig. 10 (wing) [*Limonia (Limonia)*]. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- HESIONE Alexander, 1950b:182 [*Limonia (Limonia)*]. Type-locality: Peru, Huanuco, Fundo Sinchono. Distr. — Peru.
- HORREDA Alexander, 1944b:154, fig. 1 (male hypopygium) [*Limonia (Limonia)*]. Type-locality: Peru, Ayacucho, La Mar, Tamba. Distr. — Peru.
- HUACAPISTANAE Alexander, 1941f:314 [*Limonia (Limonia)*]. Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.
- HYPERPHALLUS Alexander, 1938g:418 [*Limonia (Limonia)*]. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador. Ref. — Alexander, 1954c:236, fig. 5 (male hypopygium).
- IMMODICA Alexander, 1938a:25 [*Limonia (Limonia)*]. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- INDOMITA Alexander, 1938a:23 [*Limonia (Limonia)*]. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- JAMAICENSIS Alexander, 1926b:223. Type-locality: Jamaica, Troy. Distr. — Jamaica. Refs. — Alexander, 1950b:189, fig. 17 (male hypopygium); 1964a:29, figs. 17 (wing), 24 (male hypopygium).
- LACHESIS Alexander, 1942d:139 [*Limonia (Limonia)*]. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador, Peru. Ref. — Alexander, 1954c:237, fig. 6 (male hypopygium).
- LAWLORI Alexander, 1934a:55 [*Limonia (Limonia)*]. Type-locality: Panama, Chiriquí, Lerida. Distr. — Panama, Ecuador. Ref. — Alexander, 1954c:237, fig. 7 (male hypopygium).
- LUDIBUNDA Alexander, 1927d:304. Type-locality: Mexico, Chiapas, Hueitepec. Distr. — Mexico, Panama.
- LUSTRALIS Alexander, 1938g:421 [*Limonia (Limonia)*]. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador.
- MACINTYREI Alexander, 1938b:344 [*Limonia (Limonia)*]. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador, Peru. Ref. — Alexander, 1954c:238, figs. 1 (wing), 8 (male hypopygium).
- ONOMA Alexander, 1950a:38 [*Limonia (Limonia)*]. Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- OPTABILIS Alexander, 1921d:48 [*Limonia (Limonia)*]. Type-locality: Peru, Lorcto, Napo River. Distr. — Peru, Ecuador. Ref. — Alexander, 1954c:238, fig. 9 (male hypopygium).
- PASTAZICOLA Alexander, 1938g:416 [*Limonia (Limonia)*]. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador. Ref. — Alexander, 1954c:240, fig. 12 (male hypopygium).
- PORRECTA Alexander, 1950b:188, figs. 12 (wing), 18 (male hypopygium) [*Limonia (Limonia)*]. Type-locality: Peru, Huanuco, Fundo Sinchono. Distr. — Peru.



- RORAIMAE Alexander, 1931b:5, fig. 2 (wing). Type-locality: Venezuela, Mt. Roraima. Distr. — Venezuela, Brazil.
- SANCTAEMARTAE Alexander, 1930c:722 [*Limonia* (*Limonia*)]. Type-locality: Colombia, Magdalena, Mt. Santa Marta, La Cumbre. Distr. — Colombia, Peru.
- SCABRISTYLA Alexander, 1968c:212. Type-locality: Mexico, Tenancingo. Distr. — Mexico.
- SUBDOMITA Alexander, 1945e:234 [*Limonia* (*Limonia*)]. Type-locality: Brazil, Rio de Janeiro, Tinguá. Distr. — Brazil.
- VELASTEGUI Alexander, 1938b:345, fig. 4 (wing) [*Limonia* (*Limonia*)]. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador. Ref. — Alexander, 1954c:241, fig. 15 (male hypopygium).

Subgenus PERIPHEROPTERA Schiner

- PERIPHEROPTERA Schiner, 1866:933 (as genus) (emended to *Peripheroptera* by Schiner, 1868, and thus adopted by all subsequent authors). Type-species, *nitens* Schiner (orig. des.) (Neotropical).
- Limonia*, subg. *Peripheroptera*; Alexander, 1929f:242. Ref. — Alexander, 1967a:322, figs. 44, 45, 46, 50.
- ABERRANS (Schiner), 1868:47 (*Rhamphidia*). Type-locality: (original description said from Colombia; actually from Venezuela). Distr. — Venezuela. Ref. — Alexander, 1944L:188.
- ANGUSTIFASCIATA (Alexander), 1922c:35 (*Peripheroptera*). Type-locality: "Venezuela". Distr. — Venezuela.
- ARCUATA (Alexander), 1913d:411, fig. 8 (wing) (*Peripheroptera*). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- ATROSIGNATA Alexander, 1934a:58. Type-locality: Panama, Chiriqui, Finca Parada. Distr. — Panama.
- AUSTROANDINA Alexander, 1929f:248 (nom. nov. for *subandina* Alexander). Type-locality: Argentina, Catamarca, El Suncho. Distr. — Argentina.
- subandina* Alexander, 1919a:135, fig. 2 (wing) (*Peripheroptera*; preocc. Alexander, 1913b). Type-locality: Argentina, Catamarca, El Suncho.
- COCHABAMBAE Alexander, 1945b:53. Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia.
- CROCEIBASIS Alexander, 1942a:240. Type-locality: Peru, Junín, Tarma, Carpapata. Distr. — Peru.
- CYNARA Alexander, 1942f:788. Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Ecuador, Peru.
- DIS Alexander, 1944g:301. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- EUDORAE (Alexander), 1913d:410, fig. 7 (wing) (*Peripheroptera*). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- EURYPTERA Alexander, 1953d:150. Type-locality: Peru, Huanuco, Chinchao. Distr. — Peru. Ref. — Alexander, 1967a:323, fig. 44 (wing).
- FULVISTIGMA Alexander, 1953d:151. Type-locality: Peru, Tarma, Utcuyacu. Distr. — Peru.



- FUMIBASALIS Alexander, 1937e:58. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Ref. — Alexander, 1939c:432, fig. 3 (wing).
- GLOCHINOIDES (Alexander), 1922c:36 (*Peripheroptera*). Type-locality: Venezuela, from "Novara" Expedition. Distr. — Venezuela.
- INCOMMODA (Osten Sacken), 1887b:176 (*Peripheroptera*). Type-locality: "Brazil". Distr. — Brazil, Bolivia. Ref. — Alexander, 1913d:410, fig. 5 (wing).
- INCOMMOTES Alexander, 1928f:638. Type-locality: Peru, "Tambillo". Distr. — Peru.
- LANKESTERI Alexander, 1946f:303. Type-locality: Costa Rica, Cartago, Hacienda "Las Cóncavas". Distr. — Costa Rica.
- LICHYELLA Alexander, 1947f:90, fig. 9 (wing). Type-locality: Venezuela, Aragua, Choroni. Distr. — Venezuela.
- LISSOMELANIA Alexander, 1967a:323, figs. 45 (wing), 50 (male hypopygium). Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
- MACHUPICHUANA Alexander, 1953d:152. Type-locality: Peru, Cuzco, Machu Picchu. Distr. — Peru.
- MORGANA Alexander, 1944k:597. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- NEARCUATA Alexander, 1940d:215. Type-locality: Ecuador, Napo-Pastaza, Mapoto. Distr. — Ecuador, Peru.
- NITENS (Schiner), 1868:47 (*Peripheroptera*). Type-locality: Colombia (type male), Venezuela (type female). Distr. — Venezuela, Peru, Colombia.
- oliviae* Alexander, 1915b:441, fig. 1 (wing) (*Peripheroptera*). Type-locality: Panama, Porto Bello. Ref. — Alexander, 1944L:189.
- ORDINARIA Alexander, 1945L:380. Type-locality: Bolivia, Cochabamba, Chapore. Distr. — Bolivia.
- PERAMOENA Alexander, 1945a:20. Type-locality: Ecuador, Tungurahua, Mt. Tungurahua, Minza Chica. Distr. — Ecuador.
- PERDELECTA Alexander, 1940d:217. Type-locality: Ecuador, Bolívar, Balzapamba. Distr. — Ecuador.
- PRINDLEI Alexander, 1938g:424. Type-locality: Ecuador, Napo-Pastaza, Pundoa. Distr. — Ecuador.
- REDIVIVA Alexander, 1942a:238. Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.
- RHODA Alexander, 1939c:430, fig. 2 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- SCHINERI (Osten Sacken), 1887b:177 (*Peripheroptera*). Type-locality: "Brazil". Distr. — Brazil.
- SUBAMOENA Alexander, 1942a:239, fig. 2 (wing). Type-locality: Peru, Huanuco, Piedras Grandes. Distr. — Peru, Bolivia.
- TEUCHOLABOIDES (Alexander), 1913d:410, fig. 6 (wing) (*Peripheroptera*). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- THIOPTERA Alexander, 1941a:250. Type-locality: Ecuador, Tungurahua, Mt. Tungurahua, Minza Chica. Distr. — Ecuador. Ref. — Alexander, 1967a:324, fig. 46 (wing).



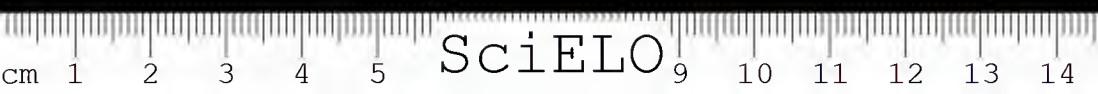
- TRIMELANIA Alexander, 1942a:242. Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.
- TRINIGRINA Alexander, 1940d:214. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
- VIVASBERTHIERI Alexander, 1940e:899, fig. 2 (wing). Type-locality: Venezuela, Mérida, Andes. Distr. — Venezuela.

Subgenus RHIPIDIA Meigen

- RHIPIDIA Meigen, 1818:153 (as genus). Type-species, *maculata* Meigen (mon.) = *duplicata* Doane (Western Palaearctic).
- Rhipidia*, subg. *Arhipidia* Alexander, 1912c:6. Type-species, *domestica* Osten Sacken (Alexander, 1950b:195).
- Rhipidia*, subg. *Monorhipidia* Alexander, 1912c:6. Type-species, *fidelis* Osten Sacken (Alexander, 1950b:195).
- Rhipidia*, subg. *Conorhipidia* Alexander, 1914c:117. Type-species, *conica* Alexander (orig. des.).
- Limonia*, subg. *Rhipidia*; Alexander, 1929f:241. Refs. — Alexander, 1950b: 195-221, figs. 21-42; 1967a:324-343, figs. 51-68.
- AGGLOMERATA (Alexander), 1926a:160 [*Rhipidia* (*Arhipidia*)]. Type-locality: Mexico, Veracruz, Córdoba, Río San Antonio. Distr. — Mexico.
- ANNULICORNIS (Enderlein), 1912:80, fig. Y1 (wing) (*Rhipidia*). Type-locality: Colombia, Hacienda Pehlke. Distr. — Colombia, Venezuela, Guyana, Ecuador, Peru, Brazil, Paraguay.
- ANTROTROCHIA Alexander, 1967a:325, fig. 54 (male hypopygium). Type-locality: Ecuador, Ambato, Hacienda Pau Carlos. Distr. — Ecuador.
- APIRODITE Alexander, 1942f:771. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- ASPILOTA Alexander, 1967a:328, fig. 55 (male hypopygium). Type-locality: Ecuador, Napo-Pastaza, Abitagua, Engaño. Distr. — Ecuador.
- EANOSENSIS Alexander, 1945p:757. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
- BELLINGERI Alexander, 1964a:33, figs. 21 (wing), 22 (male hypopygium). Type-locality: Jamaica, St. Andrew, Morces Gap. Distr. — Jamaica.
- BIPECTINATA (Williston), 1896a:285, fig. 54 (wing) (*Rhipidia*). Type-locality: Lesser Antilles: St. Vincent. Distr. — St. Vincent.
- BREVIPETALIA Alexander, 1950a:40, fig. 7 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- BREVIRAMOSA BREVIRAMOSA Alexander, 1936d:754. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- ssp. TOVARENSIS Alexander, 1944L:191. Type-locality: Venezuela, El Junquito, Colonia Tovar. Distr. — Venezuela.
- BRUCHIANA Alexander, 1929d:774. Type-locality: Argentina, La Plata. Distr. — Venezuela, Brazil, Argentina, Paraguay. Ref. — Bruch, 1939a: pl. 3, fig. 9 (body of male).
- CALVERTI (Alexander), 1912c:8, figs. d (wing), h (antenna) (*Rhipidia*). Type-locality: Costa Rica, Río Surubres. Distr. — Costa Rica.

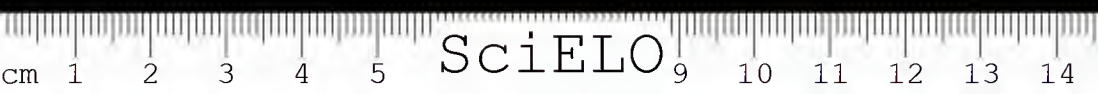


- CASSANDRA Alexander, 1945c:261, fig. 12 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- CERMATOLEUCA Alexander, 1967a:329, figs. 51 (wing), 56 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- CHILOEANA Alexander, 1967a:331, figs. 52 (wing), 57 (male hypopygium). Type-locality: Chile, Chiloé Is., Chepu. Distr. — Chile.
- COMMELINA Alexander, 1946b:235, figs. 17 (wing), 22 (male hypopygium). Type-locality: Mexico, Michoacán, Cerro Tancitaro. Distr. — Mexico.
- COMPLEXA Alexander, 1950b:200, fig. 31 (male hypopygium). Type-locality: Peru, Junin, Tarma, Utcuyacu. Distr. — Peru.
- CONICA CONICA (Alexander), 1914e:227, pl. 3, fig. 2 (wing) (*Rhipidia*). Type-locality: Guyana, Bartica. Distr. — Guyana.
- ssp. TURRIFERA Alexander, 1931b:8 [*Limonía* (*Rhipidia*)]. Type-locality: Venezuela, Mt. Duida. Distr. — Venezuela.
- COSTALOIDES (Alexander), 1920b:4 [*Rhipidia* (*Rhipidia*)]. Type-locality: Panama, Quebrada Richa, branch of Río Tapaliza, a branch of Río Puerro. Distr. — Panama.
- CRAMPTONI (Alexander), 1912c:10, figs. c (wing), i (antenna) (*Rhipidia*). Type-locality: "North Brazil". Distr. — Brazil.
- CYTHAREA Alexander, 1942f:773. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- DISTELA Alexander, 1967a:332, figs. 53 (wing), 58 (male hypopygium). Type-locality: Ecuador, Napo-Pastaza, Libertad, 6 km southeast of Tena. Distr. — Ecuador.
- DOMESTICA DOMESTICA (Osten Sacken), 1859:208 (*Rhipidia*). Type-locality: U.S.A., District of Columbia. Distr. — Nearctic; Guyana, Venezuela, Brazil, Bolivia, Cuba, Jamaica, Puerto Rico, Lesser Antilles: Dominica. Ref. — Alexander, 1932:360.
- ssp. AMAZONENSIS (Alexander), 1912c:17, fig. b (wing) (*Rhipidia*). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Peru, Brazil.
- ssp. ANGUSTIFRONS (Alexander), 1912c:16, fig. f (wing) (*Rhipidia*). Type-locality: Ecuador, Guayas, Guayaquil. Distr. — Ecuador, Peru.
- DOTALIS Alexander, 1942e:251. Type-locality: Ecuador, El Oro, Morro Morro, Las Pinas. Distr. — Ecuador.
- ELIANA Alexander, 1950b:202, fig. 32 (male hypopygium). Type-locality: Brazil, Rio de Janeiro, Angra dos Reis. Distr. — Brazil.
- EREMNOPTERA Alexander, 1967a:334, figs. 59 (wing), 63 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru, Ecuador.
- EURYPHALLUS Alexander, 1967a:336, fig. 64 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- FLABELLIFORMIS FLABELLIFORMIS Alexander, 1934a:59. Type-locality: Panama, Chiriqui, Finca Lerida. Distr. — Panama, Venezuela, Peru, Bolivia.
- ssp. BRACHYNEMA Alexander, 1936a:15. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- GRACILIRAMA GRACILIRAMA Alexander, 1940b:150. Type-locality: Mexico, Chiapas, Finca Vergel. Distr. — Mexico.
- ssp. LASSULA Alexander, 1940b:151. Type-locality: Mexico, Chiapas, Finca Victoria. Distr. — Mexico.



- GUERRERENSIS Alexander, 1946b:237. Type-locality: Mexico, Guerrero, Chilapa. Distr. — Mexico.
- HIRTLOBATA Alexander, 1939a:75. Type-locality: Mexico, Chiapas, Finca Victoria. Distr. — Mexico.
- ILLUMINATA Alexander, 1967a:337, figs. 60 (wing), 66 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- IMPROPERATA Alexander, 1936d:757. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- INAEQUIPECTINATA Alexander, 1929d:772. Type-locality: Argentina, Misiones, Iguazu Falls. Distr. — Argentina. Ref. — Alexander, 1950b:204, figs. 35, 35A (male hypopygium).
- INGENUA Alexander, 1945b:52. Type-locality: Costa Rica, Talamanca, Pedregoso. Distr. — Costa Rica.
- INVARIPENNIS INVARIPENNIS Alexander, 1941f:335, fig. 8 (male hypopygium). Type-locality: Peru, Junin, Tarma, Huasahuasi. Distr. — Peru.
- ssp. CARPAPATAE Alexander, 1941f:337. Type-locality: Peru, Junin, Tarma, Carpapata. Distr. — Peru.
- JUBILATA Alexander, 1938g:427. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Rio Pastaza. Distr. — Ecuador.
- JUNINENSIS Alexander, 1942a:243. Type-locality: Peru, Junin, Satipo, Jauja. Distr. — Peru.
- LAETITARSIS Alexander, 1937f:221. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- LAIS Alexander, 1950b:204, figs. 22 (antenna), 26 (wing), 33 (male hypopygium). Type-locality: Peru, Huanuco, Sariapampa. Distr. — Peru.
- LATILUTEA Alexander, 1942h:430, fig. 11 (wing). Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr. — Brazil.
- LEDA Alexander, 1945d:275. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- LEHINOPHORA Alexander, 1962c:79, figs. 52 (wing), 54 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chaparc. Distr. — Bolivia.
- LONGISPINA (Alexander), 1922a:4 [*Rhipidia* (*Rhipidia*)]. Type-locality: Costa Rica, San José. Distr. — Mexico, Costa Rica.
- LONGURIO Alexander, 1938a:28. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- LUQUILLOENSIS Alexander, 1950b:207, fig. 34 (male hypopygium). Type-locality: Puerto Rico, Luquillo National Forest, El Yunque. Distr. — Jamaica, Puerto Rico. Ref. — Alexander, 1964a:35, fig. 27 (male hypopygium).
- LUXURIOSA Alexander, 1929f:247 (nom. nov. for *vicina* Alexander). Type-locality: Colombia, Magdalena, La Cumbre. Distr. — Colombia.
- vicina* Alexander, 1916a:8, pl. 2, fig. 2 (wing) [*Rhipidia* (*Arhipidia*); procc. Macquart, 1838]. Type-locality: Colombia, Magdalena, La Cumbre.
- MEGALOPYGA Alexander, 1967a:338, figs. 61 (wing), 65 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- MELANARIA Alexander, 1942f:774. Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- MICROSTICTA (Alexander), 1921b:175 (*Rhipidia*). Type-locality: Argentina, Jujuy, Ciudad. Distr. — Argentina. Ref. — Bruch, 1939a, pl. 4, fig. 10 (wing); pl. 5, fig. 17 (entire female).

- MONNULA Alexander, 1962c:80, fig. 53 (wing). Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia.
- MONOXANTHA Alexander, 1944j:152, fig. 2 (wing). Type-locality: Venezuela, Mérida, Cano del Tigre. Distr. — Venezuela.
- MORDAX Alexander, 1950b:208, figs. 27 (wing), 36 (male hypopygium). Type-locality: Peru, Junín, Tarma, Utcuyacu. Distr. — Peru.
- MULTIFIDA (Alexander), 1926a:159, figs. 2 (wing), 13 (male hypopygium) [*Rhipidia* (*Rhipidia*)]. Type-locality: Mexico, Veracruz, Córdoba. Distr. — Mexico.
- MULTIGUTTATA (Alexander), 1912c:14, fig. a (wing) (*Rhipidia*). Type-locality: Guatemala, Tetonicapán. Distr. — Guatemala, Panama.
- MULTIPUNCTIGERA Alexander, 1945o:590. Type-locality: Ecuador, Santiago-Zamora, Río Zamora. Zumbi. Distr. — Ecuador.
- MULTIRAMOSA Alexander, 1950b:210, figs. 24 (antenna), 39 (male hypopygium). Type-locality: Brazil, Rio de Janeiro, Angra dos Reis. Distr. — Brazil.
- MYRIOSTICTA Alexander, 1941f:333. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Ecuador, Peru.
- MYSTICA Alexander, 1931c:627. Type-locality: Colombia, Magdalena, Mt. Santa Marta, Vista Nieve. Distr. — Colombia.
- NEGLECTA NEGLECTA Alexander, 1936d:755. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- ssp. SUBNEGLECTA Alexander, 1942g:175. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- NIGROROSTRATA NIGROROSTRATA Alexander, 1938a:30. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- ssp. MUZOENSIS Alexander, 1938h:434. Type-locality: Colombia, Boyaca, Muzo. Distr. — Colombia.
- NOBILISSIMA Alexander, 1941f:332. Type-locality: Peru, Junín, Tarma, Huasahuasi. Distr. — Peru.
- NUBILOSA Alexander, 1967a:340, fig. 67 (male hypopygium). Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- OCELLANA Alexander, 1942h:432, fig. 12 (wing). Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr. — Brazil.
- PALLATANGAE Alexander, 1929d:775. Type-locality: Ecuador, Chimborazo, Pallatanga. Distr. — Ecuador.
- PARAGUAYANA Alexander, 1929d:776. Type-locality: Paraguay, Guaira, Villarrica. Distr. — Paraguay.
- PAULUS Alexander, 1947e:62, figs. 2 (wing), 7 (male hypopygium). Type-locality: Venezuela, Táchira, San Camilo. Distr. — Venezuela.
- PERARMATA (Alexander), 1921d:52 [*Rhipidia* (*Rhipidia*)]. Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru.
- PERSIMPLEX Alexander, 1950b:212, figs. 21 (antenna), 28 (wing), 38 (male hypopygium). Type-locality: Peru, Huanuco, Carpish. Distr. — Peru.
- PERSUFFUSA Alexander, 1967a:341, figs. 62 (wing), 68 (male hypopygium). Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- PIAON Alexander, 1950b:214, figs. 23 (antenna), 29 (wing), 37 (male hypopygium). Type-locality: Peru, Huanuco, Sariapampa. Distr. — Peru.



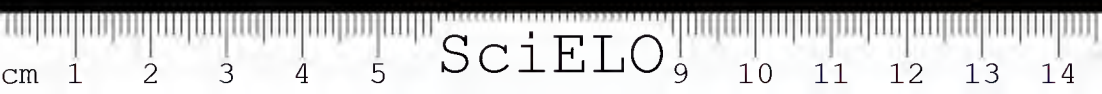
- POLYCLADA Alexander, 1943b:115. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- PRATTI Alexander, 1950b:217, fig. 41 (male hypopygium). Type-locality: Puerto Rico, Luquillo National Forest. Distr. — Puerto Rico.
- PROCTIGERICA Alexander, 1950b:218, fig. 40 (male hypopygium). Type-locality: Brazil, Rio de Janeiro, Angra dos Reis. Distr. — Brazil.
- PROFANA Alexander, 1941f:338, fig. 9 (male hypopygium). Type-locality: Peru, Junín, Tarma. Huasahuasi. Distr. — Peru.
- PROLIFERATA Alexander, 1940b:151. Type-locality: Mexico, Chiapas, Finca Vergel. Distr. — Mexico.
- PROSENI Alexander, 1954d:141. Type-locality: Bolivia, Cochabamba, Chapare, Loeotal, El Limbo. Distr. — Bolivia.
- PUNCTORIA Alexander, 1929f:246 (nom. nov. for *punctipennis* Alexander). Type-locality: Costa Rica, Turrucare, Río Siquiáres. Distr. — Costa Rica, Peru.
- punctipennis* Alexander, 1914c:117, figs. 1 (wing), 10 (male hypopygium) [*Rhipidia* (*Conorhipidia*); preocc. Skuse, 1890]. Type-locality: Costa Rica, Turrucare, Río Siquiáres.
- SCHADEI Alexander, 1929d:777. Type-locality: Paraguay, Santa Barbara. Distr. — Brazil, Paraguay.
- SCHWARZI (Alexander), 1912c:13, fig. e (wing) [*Rhipidia* (*Arhipidia*)]. Type-locality: Hispaniola: Dominican Republic. Distr. — U.S.A. (Southern Florida), Cuba, Dominican Republic, Jamaica, Venezuela.
- SEJUGATA Alexander, 1939a:73. Type-locality: Mexico, Chiapas, Finca Victoria. Distr. — Mexico.
- SHANNONI (Alexander), 1914g:581, fig. 23 (wing) [*Rhipidia* (*Arhipidia*)]. Type-locality: Panama, Canal Zone. Distr. — Panama.
- SIMPLICICORNIS Alexander, 1938a:27. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- SPRUCEI Alexander, 1943b:117. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- STONEI Alexander, 1938d:328. Type-locality: Colombia, Usme. Distr. — Colombia.
- SUBCOSTALIS (Alexander), 1922a:3 [*Rhipidia* (*Rhipidia*)]. Type-locality: Costa Rica, Tiribí. Distr. — Costa Rica, Jamaica. Refs. — Alexander, 1928g:21; 1964a:35, figs. 23 (antenna), 28 (male hypopygium), 30 (wing).
- SUSPECTINATA SUSPECTINATA (Williston), 1896a:237, figs. 57 (wing), 57a (antenna) (*Rhipidia*). Type-locality: Lesser Antilles: St. Vincent, Distr. — St. Vincent, Grenada.
- ssp. PLEURALIS (Alexander), 1912c:12 (*Rhipidia*). Type-locality: Guatemala, Alta Verapaz, Trece Aguas, Cacao. Distr. — Mexico, Guatemala, Panama, Colombia.
- SUBTERMINALIS (Alexander), 1921b:175 (*Rhipidia*). Type-locality: Argentina, La Plata, Bosque. Distr. — Argentina, Brazil.
- SUBVAFRA Alexander, 1962c:82, fig. 55 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia.
- SUCEENTIVA Alexander, 1941f:340, fig. 10 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huasahuasi. Distr. — Peru.



- SUPERARMATA Alexander, 1942f:776. Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- SURINAMICA Alexander, 1946f:301. Type-locality: Surinam, Brownsberg. Distr. — Surinam.
- SYBARITA Alexander, 1945n:400. Type-locality: Ecuador, Bolívar, Hacienda Talahua. Distr. — Ecuador.
- SYCOPHANTA Alexander, 1945n:402. Type-locality: Ecuador, Bolívar, Hacienda Talahua. Distr. — Ecuador.
- TABESCENS (Enderlein), 1912:81, fig. Z¹ (wing) (*Rhipidia*). Type-locality: Brazil, Espírito Santo. Distr. — Brazil.
- TETRALEUCA Alexander, 1937a:182. Type-locality: Puerto Rico, El Yunque. Distr. — Puerto Rico.
- THYSEE Alexander, 1942f:780. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- TIRESIAS Alexander, 1950b:220, figs. 30 (wing), 42 (male hypopygium). Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- TRIDIGITATA Alexander, 1943h:488, fig. 2 (male hypopygium). Type-locality: Ecuador, El Oro, Morro Morro, Las Pinas. Distr. — Ecuador.
- TRIPECTINATA Alexander, 1931c:625. Type-locality: Colombia, Magdalena, Mt. Santa Marta, Vista Nieve. Distr. — Colombia. Ref. — Alexander, 1950b:221, fig. 25 (antenna).
- TURRITELLA Alexander, 1943e:205. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador, Peru.
- UNIPECTINATA (Williston), 1896a:286, fig. 55 (antenna) (*Rhipidia*). Type-locality: Lesser Antilles: St. Vincent. Distr. — St. Vincent. Ref. — Alexander, 1940d:221, fig. 25 (male hypopygium).
- UXOR Alexander, 1942f:778. Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru, Bolivia. Ref. — Alexander, 1962c:83, fig. 56 (male hypopygium).
- VAFRA Alexander, 1941f:342, fig. 11 (male hypopygium). Type-locality: Peru, Junín, Tarma, Carpapata. Distr. — Peru, Ecuador.
- VARIICOSTA Alexander, 1934a:60. Type-locality: Panama, Chiriquí, Finca Parada. Distr. — Panama.
- WILLISTONIANA Alexander, 1929f:246 (nom. nov. for *costalis* Williston). Type-locality: Lesser Antilles: St. Vincent. Distr. — Costa Rica, Dominica, St. Vincent. Ref. — Alexander, 1914c:118, fig. 2 (wing).
- costalis* Williston, 1896a:286, fig. 56 (antenna) (*Rhipidia*; preocc. Wiedemann, 1824). Type-locality: "St. Vincent".

Subgenus ZALUSA Enderlein

- ZALUSA Enderlein, 1906:71 (as genus). Type-species, *falklandica* Enderlein (Neotropical).
- Limonia*, subg. *Zalusa*; Alexander, 1929a:85; 1967a:343.
- FALKLANDICA (Enderlein), 1906:71, figs. 1 (halter, wing), 2 (male hypopygium) (*Zalusa*). Type-locality: Falkland Is., Port Darwin. Distr. — Falkland Is.; Patagonia, Missier Channel (Alexander, 1929a:85).



Subgenus ZELANDOGLOCHINA Alexander

- Dicranomyia*, subg. ZELANDOGLOCHINA Alexander, 1924f:449. Type-species, *huttoni* Edwards (orig. des.) (Australasian: New Zealand).
- Limonia* (*Zelandoglochina*) Alexander, 1929a:71. Ref. — Alexander 1967a:344.
- ANGELICA Alexander, 1929a:74, fig. 12 (wing). Type-locality: Argentina, Río Negro, L. Nahuel Huapi. Distr. — Chile, Argentina. Ref. — Alexander, 1953g:10, fig. 4 (male hypopygium).
- APHANTA Alexander, 1929a:83, fig. 175 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile, Argentina.
- BIGOTI (Alexander), 1913b:488 (*Furcomyia*; nom. nov. for *longicollis* Bigot). Type-locality: Chile, Tierra del Fuego, Cape Horn. Distr. — Chile, Argentina. Ref. — Alexander, 1929a:72.
- longicollis* Bigot, 1888:8 (preocc. Macquart, 1846). Type-locality: Chile, Tierra del Fuego, Cape Horn.
- PAGETORUM Alexander, 1929a:79, fig. 171 (male hypopygium). Type-locality: Argentina, Río Negro, Lake Correntoso. Distr. — Argentina.
- FLABELLIFERA Alexander, 1929a:77, figs. 15 (wing), 168 (antenna), 169 (male hypopygium). Type-locality: Chile, Chiloé Is., Aneud. Distr. — Chile.
- FULVITHORAX (Philippi), 1865:598 (*Plettusa*). Type-locality: Chile, Valdivia. Distr. — Chile. Identity uncertain. Ref. — Alexander, 1929a:72.
- MINIATA Alexander, 1929a:84, fig. 176 (male hypopygium). Type-locality: Chile, Chiloé Is., Aneud. Distr. — Chile, Argentina.
- MULTIARMATA Alexander, 1929a:76, figs. 14 (wing), 167 (male hypopygium). Type-locality: Argentina, Río Negro, Puerto Blest. Distr. — Chile, Argentina.
- MULTINODOSA Alexander, 1929a:81, fig. 174 (male hypopygium). Type-locality: Argentina, Río Negro, Lake Gutiérrez. Distr. — Argentina.
- NODULIFERA Alexander, 1929a:80, figs. 172 (head), 173 (male hypopygium). Type-locality: Chile, Llanquihue, Puerto Montt. Distr. — Chile.
- OFELLA Alexander, 1953g:10, figs. 1 (wing), 5 (male hypopygium). Type-locality: Chile, Chiloé Is., Aulen, Duhatao. Distr. — Chile.
- OMISSISTYLA Alexander, 1929a:78, figs. 40 (wing), 170 (male hypopygium). Type-locality: Chile, Llanquihue, Peulla. Distr. — Chile.
- PARVISPINOSA Alexander, 1928h:359. Type-locality: Chile, Concepción. Distr. — Chile. Refs. — Alexander, 1929a:73; 1953g:11, fig. 6 (male hypopygium).
- PERVINCTA PERVINCTA Alexander, 1936d:757. Type-locality: Argentina, Río Negro, L. Correntoso, L. Nahuel Huapi. Distr. — Argentina.
- ssp. PERCELESTIS Alexander, 1953b:10. Type-locality: Chile, Malleco, Curacautín. Distr. — Chile, Argentina.
- PILOSPENNIS Alexander, 1929a:75, figs. 13 (wing), 166 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile.
- SETULIPENNIS Alexander, 1928h:356. Type-locality: Chile, Concepción. Distr. — Chile. Refs. — Alexander, 1929a:72; 1953g:12, fig. 7 (male hypopygium).



- TEHUELCHÉ Alexander, 1929a:82. Type-locality: Argentina, Río Negro, Lake Gutiérrez. Distr. — Argentina.
- TENUIPALPIS Alexander, 1928h:357. Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Chile. Refs. — Alexander, 1929a:72; 1953g:12, fig. 8 (male hypopygium).
- TORTICORNIS Alexander, 1928h:356. Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Chile. Refs. — Alexander, 1929a:73; 1953g:12, fig. 9 (male hypopygium).

Unplaced *Limonia*

- MULTIPUNCTATA (Fabricius), 1805:31 (*Tipula*). Type-locality: "South America". Identity uncertain, presumed to belong to *Rhipidia*.
- OCCELLATA (Röder), 1886:259 (*Limnobia*). Type-locality: Colombia, Cerro del Altar.
- IMMUTATA (Macquart), 1838a:76(72) (*Limnobia*). Type-locality: "Chile". Ref. — Blanchard, 1852:340. Unrecognized species.

Genus ORIMARGA Osten Sacken

- ORIMARGA Osten Sacken, 1869:120. Type-species, *Limnobia alpina* Zetterstedt (Coquillett, 1910:580) (Western Palearctic).

Subgenus DIOTREPHA Osten Sacken

- DIOTREPHA Osten Sacken, 1878:219 (as genus). Type-species, *mirabilis* Osten Sacken (mon.) (Nearctic).
- Thambeta* Williston, 1896b:32. Type-species, *Diotrepha mirabilis* Osten Sacken (Alexander, 1965d:53).
- ACROLEUCA Alexander, 1964a:22, figs. 9 (wing), 14 (male hypopygium). Type-locality: Jamaica. St. Thomas, Bath. Distr. — Jamaica.
- ARAWAK Alexander, 1964a:23, figs. 10 (wing), 15 (male hypopygium). Type-locality: Jamaica. St. Thomas, Corn Puss Gap. Distr. — Jamaica.
- ATREBASIS (Alexander), 1914c:240, pl. 4, fig. 4 (wing) (*Diotrepha*). Type-locality: Guyana, Bartica. Distr. — Guyana, Surinam, Peru, Brazil.
- CONCINNA (Williston), 1896a:291, fig. 66 (wing) (*Diotrepha*). Type-locality: Lesser Antilles, St. Vincent. Distr. — St. Vincent.
- ELONGATA Alexander, 1943c:23 (as *funicosta* ssp.). Type-locality: Venezuela, Carabobo, Borburata. Distr. — Venezuela, Bolivia.
- FLAVICOSTA (Alexander), 1928g:23 (*Diotrepha*). Type-locality: Jamaica, Cinchona, Logwood. Distr. — Cuba, Jamaica. Ref. — Alexander, 1964a:24, figs. 11 (wing), 16 (male hypopygium).
- FUNICOSTA (Alexander), 1921d:58 (*Diotrepha*). Type-locality: Brazil, Pará, Prata. Distr. — Venezuela, Ecuador, Brazil, Lesser Antilles: Grenada.
- MIRABILIS (Osten Sacken), 1878:220 (*Diotrepha*). Type-locality: U.S.A., Georgia. Distr. — Southern U.S.A., Cuba. Refs. — Alexander, 1932:387, fig. 9 (wing); Rogers, 1927a:23-26 (biology).
- MYERSIANA (Alexander), 1930c:732 (*Diotrepha*). Type-locality: Guyana, Koriabo, Barima River. Distr. — Guyana.
- OMISSINERVIS (Alexander), 1913c:447, pl. 14, fig. 9 (wing) (*Diotrepha*). Type-locality: Bolivia, Cuticcho, Yungas de Songo Valley. Distr. — Bolivia.



- PROFUSA Alexander, 1945o:593. Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- SUBCONCINNA Alexander, 1940b:154. Type-locality: Mexico, Chiapas, Finca Vergel. Distr. — Mexico.
- SUBPROTUSA Alexander, 1968a:22, fig. 4 (male hypopygium). Type-locality: Peru, Chanchamayo. Distr. — Peru.
- SYNDACTYLA Alexander, 1942d:140. Type-locality: Ecuador, Pichincha, Santo Domingo de los Colorados. Distr. — Ecuador.
- TRAVASSOSI Alexander, 1943f:299, figs. 8 (wing), 13 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.

Subgenus ORIMARGA Osten Sacken

- ANDINA Alexander, 1916a:14, pl. 1, fig. 7 (wing). Type-locality: Colombia, Magdalena, Mt. Santa Marta, La Cumbre. Distr. — Colombia.
- ARGENTEOPLEURA Alexander, 1913a:48, fig. f (wing). Type-locality: Guatemala, Alta Verapaz, Trece Aguas, Cacao. Distr. — Mexico, Guatemala.
- BAHIANA Alexander, 1930c:732. Type-locality: Brazil, Bahia. Distr. — Brazil.
- CHIONOMERA Alexander, 1945c:263, fig. 9 (wing). Type-locality: Brazil, São Paulo, São Paulo, Serra da Cantareira. Distr. — Brazil.
- CHIONOPUS Alexander, 1943b:119. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- CUBENSIS Alexander, 1932:385. Type-locality: Cuba, Pinar del Río, Sierra Rangel. Distr. — Cuba.
- DAMPFI Alexander, 1926a:162, fig. 4 (wing). Type-locality: Mexico, Veracruz. Distr. — Mexico.
- DICHROOPTERA Alexander, 1950a:44, fig. 11 (wing). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- EXCESSIVA EXCESSIVA Alexander, 1926d:380. Type-locality: Venezuela, Táchira, Táchira. Distr. — Venezuela. Ref. — Alexander, 1962c:118, fig. 97 (male hypopygium).
- ssp. CHIAPARENSIS Alexander, 1962c:117, fig. 98 (male hypopygium). Type-locality: Bolivia, Cochabamba, Yungas de Cristal Mayu. Distr. — Bolivia.
- FARRIANA Alexander, 1964a:18, figs. 7 (wing), 12 (male hypopygium). Type-locality: Jamaica, St. Andrew. Distr. — Jamaica.
- FUNERULA Alexander, 1929b:93. Type-locality: Peru, Tambo Eneñas to Dos de Mayo, Campo del Pichis. Distr. — Peru.
- LANEI Alexander, 1942h:433, figs. 13 (wing), 17 (male hypopygium). Type-locality: Brazil, Rio de Janeiro, Tinguá. Distr. — Brazil.
- MAJUSCULA Alexander, 1940b:154. Type-locality: Mexico, Chiapas, Santa Isabel. Distr. — Mexico.
- MELAMPODIA Alexander, 1940c:112. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- MULTIPUNCTATA Alexander, 1938g:429. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador.
- NEOGAUDENS Alexander, 1945c:264, fig. 10 (wing). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.



- NIGROAPICALIS Alexander, 1941c:328. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Costa Rica, Panama.
 NIVEITARSIS Alexander, 1915b:443, fig. 5 (wing). Type-locality: Panama, Porto Bello. Distr. — Panama.
 PALLIDIBASIS Alexander, 1921d:56. Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru. Ref. — Alexander, 1967a:350, as *palliditarsus*, lapsus.
 PARVIPUNCTA Alexander, 1938g:430. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador.
 PERPALLENIS Alexander, 1964a:21, figs. 8 (wing), 13 (male hypopygium). Type-locality: Jamaica, Portland, Spring Hill Post Office. Distr. — Jamaica.
 PUNCTIPENNIS Alexander, 1914e:239, pl. 4, fig. 3 (wing). Type-locality: Guyana, Bartica. Distr. — Guyana.
 SATURNINA Alexander, 1943b:118. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
 SCABRISETA Alexander, 1938g:431. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
 SPECIOSA Alexander, 1953d:155. Type-locality: Peru, Huanuco, Chinchao. Distr. — Peru. Ref. — Alexander, 1967a:351, figs. 72 (wing), 78 (male hypopygium).
 SUBCOSTATA Alexander, 1954d:144. Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
 SUBSPECIOSA Alexander, 1962c:118, fig. 96 (wing). Type-locality: Bolivia, Cochabamba, Chapare, Locotal. Distr. — Bolivia.
 SUBTARTARUS Alexander, 1946e:531. Type-locality: Mexico, Jalisco, Tequila. Distr. — Mexico.
 TARTARUS Alexander, 1946e:530. Type-locality: Mexico, Morelos, Cuernavaca. Distr. — Mexico.
 TINGUANA Alexander, 1943f:297, fig. 7 (wing). Type-locality: Brazil, Rio de Janeiro, Tinguá. Distr. — Brazil.
 TRISPINIGERA Alexander, 1945a:24. Type-locality: Ecuador, Santiago-Zamora. Distr. — Ecuador.

Genus PROTOHELIUS Alexander

- PROTOHELIUS Alexander, 1928j:466. Type-species, *issikii* Alexander (orig. des.) (Oriental).
 CISATLANTICUS Alexander, 1938b:347, fig. 5 (wing). Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
 VENEZOLANUS Alexander, 1950a:45, fig. 13 (wing). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.

Genus TONNOIROMYIA Alexander

- TONNOIROMYIA Alexander, 1926e:190. Type-species, *tasmaniensis* Alexander (orig. des.) (Australasian).
 PATAGONICA Alexander, 1929a:68, figs. 38 (wing), 165 (male hypopygium). Type-locality: Argentina, Rio Negro, Puerto Blest. Distr. — Chile, Argentina.



Tribe PEDICIINI

Genus DICRANOTA Zetterstedt

DICRANOTA Zetterstedt, 1838:851. Type-species, *guerini* Zetterstedt (mon.).

Subgenus PLECTROMYIA Osten Sacken

PLECTROMYIA Osten Sacken, 1869:282 (as genus). Type-species, *modesta* Osten Sacken (mon.) (Nearctic).

Astrolabis Osten Sacken, 1865:225. *Nomen nudum*.

TERGATA (Alexander), 1926a:172, figs. 11 (wing), 19 (male hypopygium) [*Rhaphidolabis* (*Plectromyia*)]. Type-locality: Mexico, Ajusco. Distr. — Mexico.

Subgenus RHAPHIDOLABIS Osten Sacken

RHAPHIDOLABIS Osten Sacken, 1869:284 (as genus). Type-species, *tenuipes* Osten Sacken (orig. des.) (Nearctic).

MEXICANA Alexander, 1946a:121. Type-locality: Mexico, Mexico State, Dos Ríos. Distr. — Mexico.

ROSTRIFERA Alexander, 1946a:122. Type-locality: Mexico, Mexico State, Río Borja, D.F. Distr. — Mexico.

Genus PEDICIA Latreille

PEDICIA Latreille, 1809:255. Type-species, *Tipula rivosa* Linnaeus (mon.). (Palearctic).

Peditia, error.

Subgenus TRICYPHONA Zetterstedt

TRICYPHONA Zetterstedt, 1837:65 (as genus). Type-species, *Limonia immaculata* Meigen (mon.).

Amalopis Haliday, 1856:xv. Type-species, *Limnobia occulta* Maigen (orig. des.).

ALBICENTRA Alexander, 1962b:352, fig. 3 (wing). Type-locality: Argentina, Neuquén, Lago Nonthue. Distr. — Argentina.

AYSENENSIS Alexander, 1944i:127, figs. 3 (wing), 4 (male hypopygium). Type-locality: Chile, Aysén. Distr. — Chile.

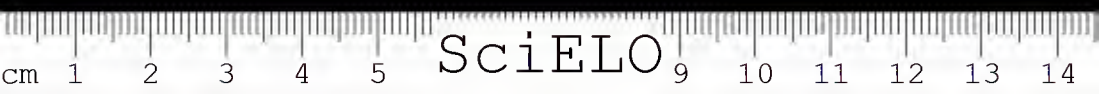
CHILOTA (Alexander), 1929a:110, figs. 46 (wing), 193-196 (male hypopygium) (*Tricyphona*). Type-locality: Chile, Chiloé Is., Castro. Distr. — Chile, Argentina.

CRASSIPYGA (Alexander), 1928b:48 (*Tricyphona*). Type-locality: Chile, Valparaíso, Perales de Marga-Marga. Distr. — Chile. Refs. — Alexander, 1929a:110; 1944i:130, fig. 6 (male hypopygium).

GUTTISTIGMA Alexander, 1941a:253. Type-locality: Chile, Angol. Distr. — Chile.

PENAI Alexander, 1953b:11, fig. 6 (male hypopygium). Type-locality: Chile, Malleco, Río Blanco. Distr. — Chile.

PHAEOSTIGMA Alexander, 1962c:353, fig. 4 (wing). Type-locality: Argentina, Neuquén, San Martín de los Andes. Distr. — Argentina.



FLATYPTERA (Alexander), 1929a:109, figs. 45 (wing), 191 (antenna), 192 (male hypopygium) (*Tricyphona*). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile.

SERRIMARGA Alexander, 1944i:129, fig. 5 (male hypopygium). Type-locality: Argentina, Rio Negro, Lago Gutiérrez. Distr. — Argentina.

Unplaced Pediciini

FUSILLA (Bigot), 1888:12 (*Tricyphona*). Type-locality: Argentina, Tierra del Fuego. Distr. — Argentina. Evidently not a *Tricyphona* and may be found to be a species of *Paracladura* Brunetti in the family Trichoceridae.

Tribe HEXATOMINI

Genus ATARBA Osten Sacken

ATARBA Osten Sacken, 1869:127. Type-species, *picticornis* Osten Sacken (mon.) (Nearetic). Refs. — Alexander, 1948e:536, figs. 21-26; Rogers, 1927b:49 (biology).

Subgenus ATARBA Osten Sacken

ALMEDAI Alexander, 1946c:2, fig. 2 (wing). Type-locality: Brazil, São Paulo. Boracéia. Distr. — Brazil.

AMABILIS Alexander, 1928a:113. Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.

ANGUSTIPENNIS Alexander, 1928b:57. Type-locality: Cuba, Pinar del Río, Sierra Rangel. Distr. — Mexico. Cuba.

ANTHRACINA Alexander, 1937d:609. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

APERTA APERTA Alexander, 1926a:170, fig. 9 (wing). Type-locality: Mexico, Córdoba, Pena Blanca. Distr. — Mexico, Brazil.

ssp. SUBAPERTA Alexander, 1945L:383, figs. 14 (wing), 15 (male hypopygium). Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.

APICISPINOSA Alexander, 1934a:66. Type-locality: Panama. Chiriqui, Finea Lerida. Distr. — Panama.

BIFILOSA Alexander, 1948c:546, figs. 26 (wing), 32 (male hypopygium). Type-locality: Costa Rica, Cartago, La Suiza de Turrialba. Distr. — Costa Rica.

BIFURCULA Alexander, 1931a:115. Type-locality: Brazil, Santa Catarina, Jaguará. Distr. — Brazil.

BIPENDULA Alexander, 1966a:224. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.

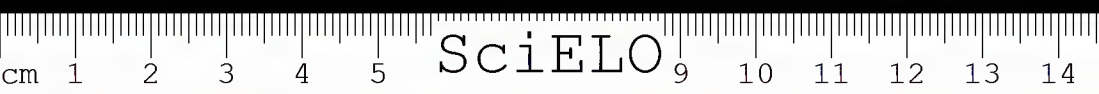
BIPRODUCTA Alexander, 1966a:224. Type-locality: Ecuador, Napo-Pastaza. Libertad. Distr. — Ecuador.

BOLIVIANA Alexander, 1930c:736. Type-locality: Bolivia, Santa Cruz. Distr. — Bolivia.

BREVICORNIS Alexander, 1929d:781. Type-locality: Paraguay, Guaira, Villarrica. Distr. — Paraguay.

BREVISSIMA Alexander, 1944f:30. Type-locality: Brazil, Minas Gerais, Alto Caparaó. Distr. — Brazil.

- BRUNNEICORNIS Alexander, 1916a:15, pl. 1, fig. 6 (wing); pl. 4, fig. 2 (male hypopygium). Type-locality: Colombia, Magdalena, La Cumbre. Distr. — Colombia.
- BULBIFERA Alexander, 1943i:744, fig. 4 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.
- CINCTICORNIS CINCTICORNIS Alexander, 1916d:499. Type-locality: Guyana, Mallali, Demerara River. Distr. — Guyana, Ecuador.
- ssp. THAMIA Alexander, 1950a:50, fig. 27 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- CIRCE Alexander, 1945n:414. Type-locality: Ecuador, Santiago-Zamora, Zamora. Distr. — Ecuador.
- COLUMBIANA Alexander, 1913c:199, pl. 5, fig. 4 (wing). Type-locality: Colombia, Cauca, Almaguer. Distr. — Colombia.
- CUCULLATA Alexander, 1945n:413. Type-locality: Ecuador, Santiago-Zamora, Zamora. Distr. — Ecuador.
- DASYCERA Alexander, 1948c:548, figs. 24 (wing), 33 (male hypopygium). Type-locality: Peru, Loreto, Previsto, Upper Ucayali River. Distr. — Peru.
- DIACANTHA Alexander, 1945a:26. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- DILATISTYLA Alexander, 1966a:225. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- DINEMATOPHORA Alexander, 1943i:740, fig. 2 (male hypopygium). Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- FIEBRIGI Alexander, 1922c:51. Type-locality: Paraguay, San Bernardino. Distr. — Paraguay.
- FORTICORNIS Alexander, 1947f:99, fig. 13 (wing). Type-locality: Venezuela, Aragua, Choroní. Distr. — Venezuela.
- FUSCOAPICALIS Alexander, 1944f:29. Type-locality: Brazil, Rio de Janeiro, Alto do Itatiaia. Distr. — Brazil.
- HETERACANTHA Alexandre, 1943a:219. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- HIRTICORNIS Alexander, 1943a:221. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- IDONEA Alexander, 1939b:206. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- INCISURATA Alexander, 1938f:250. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- LADDEYANA Alexander, 1944k:600. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- LATEROSPINA Alexander, 1962c:131, figs. 106 (wing), 108 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal. Distr. — Bolivia.
- LONGITERGATA Alexander, 1945j:25, fig. 10 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- LYRIFORMIS Alexander, 1966a:226. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- MACRACANTHA Alexander, 1943a:217. Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru, Bolivia.



- MEGAPHALLUS Alexander, 1921d:59. Type-locality: Brazil, Amazonas, Tefé. Distr. — Brazil.
- MELANOMERA Alexander, 1943g:540, fig. 6 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- MERITA Alexander, 1938f:250. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- MEXICANA Alexander, 1926a:170, fig. 8 (wing). Type-locality: Mexico, Veracruz, Córdoba. Distr. — Mexico.
- MICROPHALLUS Alexander, 1944k:602. Type-locality: Ecuador, Los Ríos, Playas de Montalvo. Distr. — Ecuador.
- MULTIARMATA MULTIARMATA Alexander, 1943a:224. Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- ssp. TARMAE Alexander, 1943a:225. Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- NODULOSA Alexander, 1939b:207. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- PALLIDAPEX Alexander, 1943a:222. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- PERINCISA Alexander, 1948c:549, fig. 34 (male hypopygium). Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- PROCERICORNIS Alexander, 1944d:316. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Cunibunda. Distr. — Ecuador.
- PUNCTISCUTA Alexander, 1922c:52. Type-locality: Paraguay, San Bernardino. Distr. — Brazil, Paraguay.
- QUASIMODO Alexander, 1950a:50, figs. 20 (wing), 24 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- RELIGIOSA Alexander, 1946a:126. Type-locality: Mexico, Mexico, D.F., Desierto de los Leones. Distr. — Mexico.
- RESTRICTA Alexander, 1943g:539, fig. 3 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- SCABROSA Alexander, 1944b:175, fig. 9 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru, Bolivia.
- SCUTATA Alexander, 1939a:80. Type-locality: Mexico, Chiapas, Finca Victoria. Distr. — Mexico.
- SETILOBATA Alexander, 1964a:66, figs. 65 (wing), 68 (male hypopygium). Type-locality: Jamaica, Portland, Hardwar Gap. Distr. — Jamaica.
- STIGMOSA Alexander, 1930c:737. Type-locality: Bolivia, Santa Cruz. Distr. — Bolivia.
- SUBDENTATA Alexander, 1952a:121. Type-locality: Bolivia, Cochabamba, Yungas de Cristal Mayu. Distr. — Bolivia.
- TATEI Alexander, 1929d:782. Type-locality: Ecuador, Chimborazo, Pallatanga. Distr. — Ecuador.
- TETRACANTHA Alexander, 1945a:28. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- TUBERCULIFERA TUBERCULIFERA Alexander, 1943i:742, fig. 3 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huasahuasi. Distr. — Peru.
- ssp. EDAX Alexander, 1948c:551, fig. 35 (male hypopygium). Type-locality: Peru, Huanuco, Sariatampa. Distr. — Peru.

- TUNGURAHUENSIS Alexander, 1945p:762. Type-locality: Ecuador, Tungurahua, above Baños. Distr. — Ecuador.
- UNILATERALIS Alexander, 1931b:14, figs. 9 (wing), 18 (male hypopygium). Type-locality: Venezuela, Mt. Duida. Distr. — Venezuela.
- VARICORNIS Alexander, 1913e:448, pl. 14, fig. 10 (wing). Type-locality: Peru. Madre de Dios, Callanga. Distr. — Guyana, Peru.
- VARIUSPINA Alexander, 1938f:252. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Subgenus ISCHNOTHRIX Bigot

- ?*Lachnocera* Philippi, 1865:615. Type-species, *delicatula* Philippi (mon.). [In the interests of stability, the Author rejects this prior apparent generic name].
- ISCHNOTHRIX Bigot, 1888:7 (as genus). Type-species, *aetherea* Bigot (mon.) (Neotropical).
- Oromyia* Alexander, 1913c:203. Type-species, *lloydi* Alexander (orig. des.).
- Orolimnophila* Alexander, 1921b:178 (nom. nov. for *Oromyia* Alexander, on the wrong assumption that it was preocc. by *Orosmyia* Rondani, 1856). Type-species, *Oromyia lloydi* Alexander (aut.). Ref. — Alexander, 1929a:167.
- AETHEREA (Bigot), 1888:7, pl. 2, fig. 1 (wing) (*Ischnothrix*). Type-locality: Chile, Tierra del Fuego. Distr. — Chile.
- APRICA Alexander, 1962c:129, figs. 105 (wing), 107 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chaparc, Locotal. Distr. — Bolivia.
- ARGENTINICOLA (Alexander), 1921b:178 (*Orolimnophila*). Type-locality: Argentina, Tucumán, Quebrada Famailla. Distr. — Argentina.
- BERTHIAE Alexander, 1948c:541, figs. 22 (wing), 31 (male hypopygium). Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- BREVIYLA Alexander, 1966a:223. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- BREVISECTOR (Alexander), 1935a:326 (*Ischnothrix*). Type-locality: Venezuela, Silla da Caracas. Distr. — Venezuela.
- CAPITELLA Alexander, 1945p:759. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- DELICATULA (Philippi), 1865:615 (*Lachnocera*). Identity uncertain. Type-locality: Chile, Valdivia. Distr. — Chile. Ref. — Alexander, 1913b:502.
- DIGITIFERA Alexander, 1945p:761. Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.
- FIDELIS (Alexander), 1929a:169, fig. 87 (wing) [*Ischnothrix* (*Orolimnophila*)]. Type-locality: Chile, Llanquihue, Puerto Montt. Distr. — Chile.
- GEMINATA Alexander, 1943g:535, figs. 1 (wing), 4 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- HELENAE Alexander, 1948c:543, fig. 29 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile, Argentina.
- IGNITHORAX Alexander, 1929a:172, fig. 95 (wing). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile, Argentina.
- INTEGRILoba Alexander, 1943i:738, fig. 1 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.
- LLOYDI (Alexander), 1913c:204, pl. 5, fig. 7 (wing); pl. 6, figs. 7-9 (male hypopygium) (*Oromyia*). Type-locality: Colombia, Cauca, Valle de las Papas. Distr. — Colombia.



- MESOCERA Alexander, 1929a:171, fig. 94 (wing). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Chile, Argentina.
- OBTUSILOBA Alexander, 1944b:172, fig. 8 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.
- PATENS (Alexander), 1940c:113 [*Ischnothrix (Ischnothrix)*]. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- PICTURATA (Alexander), 1929a:169, fig. 88 (wing) [*Ischnothrix (Orolimnophila)*]. Type-locality: Chile, Llanquihue, Puerto Varas. Distr. — Chile.
- RECTANGULARIS Alexander, 1954d:145. Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- SCUTELLATA (Alexander), 1929a:173 [*Ischnothrix (Ischnothrix)*]. Type-locality: Argentina, Rio Negro, Lake Correntoso. Distr. — Chile, Argentina.
- SETICORNIS Alexander, 1946c:1, fig. 1 (wing). Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- SPINITUBER Alexander, 1950a:49, figs. 22 (wing), 26 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- SUPPLICATA Alexander, 1943g:537, figs. 2 (wing), 5 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- TENUISSIMA (Alexander), 1929a:171 [*Ischnothrix (Orolimnophila)*]. Type-locality: Argentina, Rio Negro, Puerto Blest. Distr. — Argentina.
- VORACIS Alexander, 1948c:544, figs. 21 (wing), 30 (male hypopygium). Type-locality: Peru, Huanuco, Chinchao. Distr. — Peru.

Genus AUSTROLIMNOPHILA Alexander

Limnophila, subg. AUSTROLIMNOPHILA Alexander, 1920e:4. Type-species, *eutaeniata* Bigot (orig. des.) (Neotropical).

Polymoria Philippi of Alexander, 1924c:367.

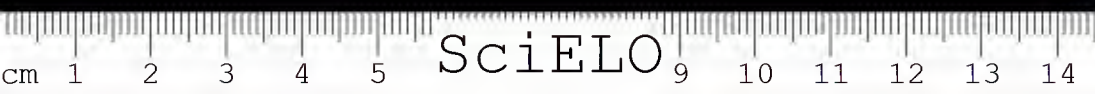
Refs. — Alexander, 1929a:115; 1948a:153, figs. 3-4 (venation), 7-17 (male hypopygium) (discussion).

Subgenus AUSTROLIMNOPHILA Alexander

- ACUTERGATA Alexander, 1939c:434, figs. 4 (wing), 11 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- BIFIDARIA Alexander, 1942i:56, figs. 23 (wing), 30 (male hypopygium). Type-locality: Brazil, São Paulo, Serra da Cantareira. Distr. — Brazil.
- BRADLEYI Alexander, 1929b:93. Type-locality: Argentina, Tucumán, Parque Aconquija. Distr. — Argentina. Ref. — Alexander, 1948a:161, fig. 10 (male hypopygium).
- BULBIFERA Alexander, 1948b:137. Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil. Ref. — Alexander, 1966c:465, fig. 6 (male hypopygium).
- BYERSIANA Alexander, 1968c:213. Type-locality: Mexico, near Huauchinango. Distr. — Mexico.



- CANDIDITARSIS Alexander, 1937d:603. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- CAPARAËNSIS Alexander, 1944f:27. Type-locality: Brazil, Minas Gerais, Alto Caparaó. Distr. — Brazil.
- CHILOEANA Alexander, 1953b:15, figs. 9 (wing), 13 (male hypopygium). Type-locality: Chile, Chiloé Is., Aucar. Distr. — Chile.
- COMANTIS Alexander, 1948a:161. Type-locality: Brazil, Rio de Janeiro, Teresópolis. Distr. — Brazil.
- DUSENI (Alexander), 1920e:5 (*Limnophila*). Type-locality: Chile, Aysén, Rio Aysén. Distr. — Chile. Ref. — Alexander, 1929a:124, fig. 50 (wing).
- ELNORA Alexander, 1929a:127, figs. 52 (wing), 202 (male hypopygium). Type-locality: Argentina, Rio Negro, Puerto Blest. Distr. — Argentina.
- EUTAENIATA (Bigot), 1888:9, pl. 2, fig. 3 (wing) (*Limnophila*). Type-locality: Chile, Tierra del Fuego. Distr. — Chile, Argentina. Rcfs. — Alexander, 1920e:5; 1929a:115; 1948a:163, fig. 11 (male hypopygium).
- FUSCOHALTERATA Alexander, 1929a:123, figs. 64, 65 (wing). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile.
- HAZELAE Alexander, 1929a:125, fig. 51 (wing). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile, Argentina. Ref. — Alexander, 1948a:163.
- INFIDELIS Alexander, 1929a:122, fig. 63 (wing). Type-locality: Chile, Chiloé Is., Castro. Distr. — Chile, Argentina.
- IRIS Alexander, 1929a:117, fig. 61 (wing). Type-locality: Chile, Chiloé Is., Castro. Distr. — Chile, Argentina.
- JOANA Alexander, 1929a:126, figs. 66 (wing), 201 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile. Ref. — Alexander, 1953b:15, figs. 8 (wing), 12 (male hypopygium).
- MAEROPYGA Alexander, 1953b:12, figs. 7 (wing), 11 (male hypopygium). Type-locality: Chile, Chiloé Is., Chepu. Distr. — Chile.
- MANNHEIMSI Alexander, 1960:15. Type-locality: Peru, near Taulis, Hacienda Udimá. Distr. — Peru. Ref. — Alexander, 1966c:466, figs. 1 (wing), 7 (male hypopygium).
- MARTINEZI Alexander, 1958:197, figs. 1 (wing), 6 (male hypopygium). Type-locality: Bolivia. Cochabamba, Chapare, Loeotal, El Limbo. Distr. — Bolivia.
- MERKLEI Alexander, 1928b:50. Type-locality: Argentina, Rio Negro, L. Nahuel Huapi, Bariloche. Distr. — Argentina, Chile. Ref. — Alexander, 1948a:164, fig. 13 (male hypopygium).
- MICHAELSENI Alexander, 1928h:361. Type-locality: Argentina, Tierra del Fuego, Ushuaia "Wald". Distr. — Argentina.
- MICROSPILOTA Alexander, 1943f:300, fig. 9 (wing). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- MICROSTICTA Alexander, 1929a:119, fig. 49 (wing). Type-locality: Argentina, Rio Negro, Lake Correntoso. Distr. — Chile, Argentina. Ref. — Alexander, 1948a:164, fig. 14 (male hypopygium).
- NAHUELICOLA Alexander, 1958:198, figs. 3 (wing), 7 (male hypopygium). Type-locality: Chile, Arauco, Nahuelbuta, Pichinahuel. Distr. — Chile.



- NEUQUENENSIS Alexander, 1952e:90, figs. 5 (wing), 7 (male hypopygium).
Type-locality: Argentina, Neuquén, San Martín de los Andes.
Distr. — Chile, Argentina.
- NYMPHA Alexander, 1943e:206. Type-locality: Ecuador, Santiago-Zamora,
Río Zamora, Zumbi. Distr. — Ecuador. Ref. — Alexander,
1948a:166, fig. 15 (male hypopygium).
- OROENSIS Alexander, 1943h:490, fig. 3 (wing). Type-locality: Ecuador, El
Oro, Morro Morro. Distr. — Ecuador.
- PACIFERA Alexander, 1936e:60. Type-locality: Brazil, Santa Catarina, Nova
Teutônia. Distr. — Brazil.
- PALLIDISTYLA PALLIDISTYLA Alexander, 1942i:57, figs. 24 (wing), 32 (male
hypopygium). Type-locality: Brazil, São Paulo, São Paulo, Serra
da Cantareira. Distr. — Brazil.
- ssp. PERLIMBATA Alexander, 1942i:59. Type-locality: Brazil, São Paulo,
São Paulo, Serra da Cantareira. Distr. — Brazil.
- PERCARA Alexander, 1958:200, figs. 4 (wing), 9 (male hypopygium). Type-
locality: Chile, Osorno, Antillanca. Distr. — Chile.
- PERSESSILIS Alexander, 1939b:200. Type-locality: Ecuador, Napo-Pastaza,
Abitagua. Distr. — Ecuador. Ref. — Alexander, 1948a:166, fig.
16 (male hypopygium).
- PLATENSIS (Alexander), 1923b:184 (*Limnophila*). Type-locality: Argentina,
La Plata, Palo Blanco. Distr. — Brazil, Argentina. Ref. —
Alexander, 1948a:166, fig. 17 (male hypopygium).
- POLYSPILOTA Alexander, 1937b:239. Type-locality: Brazil, Rio de Janeiro,
Rezende, Campo Belo. Distr. — Brazil.
- PUNCTIPENNIS (Philippi), 1865:609 (*Polymoria*). Type-locality: "Chile".
Distr. — Chile. Ref. — Alexander, 1929a:115.
- SPINICAUDATA Alexander, 1937d:602. Type-locality: Brazil, Santa Catarina,
Nova Teutônia. Distr. — Brazil.
- STERNOLOBATA Alexander, 1958:201, figs. 2 (wing), 8 (male hypopygium).
Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo.
Distr. — Bolivia.
- SUBPACIFERA Alexander, 1942i:61, figs. 26 (wing), 33 (male hypopygium).
Type-locality: Brazil, São Paulo, São Paulo, Serra da Cantareira.
Distr. — Brazil.
- TENULOBATA Alexander, 1942i:59, figs. 25 (wing), 31 (male hypopygium).
Type-locality: Brazil, São Paulo, São Paulo, Serra da Cantareira.
Distr. — Brazil.
- TERGIFERA Alexander, 1953g:13, figs. 2 (wing), 10 (male hypopygium).
Type-locality: Chile, Chiloé Is., Chepu. Distr. — Chile.
- TREMULA Alexander, 1929a:128, fig. 53 (wing). Type-locality: Chile, Llan-
quihue, Peulla. Distr. — Chile. Ref. — Alexander, 1958:202,
fig. 10 (male hypopygium).
- TUNGURAGUENSIS Alexander, 1940d:218. Type-locality: Ecuador, Mt. Tun-
gurahua. Distr. — Ecuador.
- VARITARSIS Alexander, 1929a:118, fig. 48 (wing). Type-locality: Chile,
Chiloé Is., Castro. Distr. — Chile.



- VIVASBERTHIERI Alexander, 1938h:436. Type-locality: Venezuela, Aragua. Rancho Grande. Distr. — Venezuela. Ref. — Alexander, 1950a:46.
- WYGODZINSKYI Alexander, 1948a:167, figs. 4 (wing), 18 (male hypopygium). Type-locality: Brazil, Rio de Janeiro, Serra dos Órgãos, Sítio Bonfim, Nova Friburgo. Distr. — Brazil.
- XANTHOPTERA XANTHOPTERA Alexander, 1929a:121, fig. 62 (wing). Type-locality: Chile, Chiloé Is., Castro. Distr. — Chile.
- ssp. CAYUTUENSIS Alexander, 1944i:130. Type-locality: Chile, Llanquihue, Cayutue. Distr. — Chile.

Subgenus LIMNOPHILELLA Alexander

- Limnophila*, subg. LIMNOPHILELLA Alexander, 1919a:146. Type-species, *epiphragmoides* Alexander (orig. des.) (Neotropical).
- DIVERSIPES (Alexander), 1921d:62 (*Limnophila*). Type-locality: Peru, Loreto, Yurimaguas. Distr. — Ecuador, Peru.
- EPIPHRAGMOIDES (Alexander), 1913b:543 (*Limnophila*). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Brazil.
- INQUIETA INQUIETA Alexander, 1943e:208. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- ssp. RETRACTOR Alexander, 1943c:209. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- MANTISSA Alexander, 1966a:221. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- MULTIPICTA Alexander, 1939c:433, fig. 3 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Ref. — Alexander, 1948a:156, fig. 7 (male hypopygium).
- PATAGONICA (Alexander), 1928b:51 [*Limnophila* (*Limnophilella*)]. Type-locality: Argentina, Río Negro, L. Nahuel Huapi, Bariloche. Distr. — Chile, Argentina. Refs. — Alexander, 1929a:114; 1948a:159, fig. 8 (male hypopygium).
- SCHUNKIANA Alexander, 1948a:158, figs. 3 (wing), 9 (male hypopygium). Type-locality: Peru, Loreto, Pucallpa, Río Ucayali. Distr. — Peru.
- SUBVICTOR Alexander, 1948a:160. Type-locality: Costa Rica, La Suiza. Distr. — Costa Rica.
- VICTOR (Alexander), 1919a:146, fig. 6 (wing) [*Limnophila* (*Limnophilella*)]. Type-locality: Panama, Darien, Quebrada Richa, a branch of Río Tapaliza, a branch of Río Pucro. Distr. — Panama.

Subgenus MEDIOPHRAGMA Alexander

- Austrolimnophila*, subg. MEDIOPHRAGMA Alexander, 1954a:36. Type-species, *delectissima* Alexander (orig. des.) (Neotropical).
- DELECTISSIMA Alexander, 1954a:37. Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- PARAGUAYANA Alexander, 1952a:119. Type-locality: Paraguay, Colonia Carlos Pfannel. Distr. — Paraguay.

Genus CHILELIMNOPHILA Alexander

- CHILELIMNOPHILA Alexander, 1968a:23. Type-species, *Limnophila lyra* Alexander (orig. des.).



LYRA (Alexander), 1952b:108, fig. 7 (male hypopygium) (*Limnophila*). Type-locality: Chilc, Malleco, Curacautin. Distr. — Chile. Ref. — Alexander, 1968a; figs. 2 (wing), 7 (male hypopygium); 1968c:23, figs. 1 (wing), 8 (male hypopygium).

Genus CTENOLIMNOPHILA Alexander

CTENOLIMNOPHILA Alexander, 1921d:61. Type-species, *bivena* Alexander (orig. des.) (Neotropical).

Subgenus ABITAGUA Alexander

Ctenolimnophila, subg. ABITAGUA Alexander, 1944d:315. Type-species, *longifusa* Alexander (orig. des.).

LONGIFUSA Alexander, 1944d:315. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador. Ref. — Alexander, 1948c:513, fig. 4 (wing).

Subgenus CAMPBELLONYIA Alexander

Gnophomyia, subg. CAMPBELLONYIA Alexander, 1925b:70. Type-species, *Gnophomyia alpina* Alexander (orig. des.) (Australasian: New Zealand).

NEOLIMNOPHILOIDES Alexander, 1942i:64, fig. 28 (wing). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil. Ref. — Alexander, 1948c:513, fig. 3 (wing).

PAULISTAE Alexander, 1943f:301, fig. 10 (wing). Type-locality: Brazil, São Paulo, Batéia. Distr. — Brazil.

SEVERA Alexander, 1943e:209. Type-locality: Ecuador, Santiago-Zamora, Zamora. Distr. — Ecuador, Bolivia. Ref. — Alexander, 1948c:513, fig. 2 (wing).

Subgenus CTENOLIMNOPHILA Alexander

BIVENA Alexander, 1921d:61. Type-locality: Peru, Napo River. Distr. — Peru, Brazil. Ref. — Alexander, 1948c:513, fig. 1 (wing).

DECISA (Alexander), 1914e:245, pl. 3, fig. 8 (wing) (*Gnophomyia*). Type-locality: Guyana, Mallali. Distr. — Guyana, Brazil.

FUSCOANALIS Alexander, 1946f:304. Type-locality: Brazil, Pará, Prata. Distr. — Surinam, Brazil.

Genus EDWARDSOMYIA Alexander

EDWARDSOMYIA Alexander, 1929a:112. Type-species, *chiloensis* Alexander (orig. des.) Ref. — Alexander, 1948a:175.

CHILOENSIS Alexander, 1929a:112, figs. 47 (wing), 197 (head), 198 (male hypopygium). Type-locality: Chilc, near Puntra. Distr. — Chile.

Genus ELEPHANTOMYIA Osten Sacken

ELEPHANTOMYIA Osten Sacken, 1859:200. Type-species, *Limnobia rhynchus canadensis* Westwood (mon. misident.) = *westwoodi* Osten



Sacken (Nearctic). Ref. — Alexander, 1948c:552, figs. (discussion).

Subgenus *ELEPHANTOMYIA* Osten Sacken

- ALTICOLA* Alexander, 1925a:348, fig. 8 (wing). Type-locality: Mexico, Mt. Tlaloc. Distr. — Mexico.
- ANGUSTISSIMA* Alexander, 1931c:632. Type-locality: Colombia, Magdalena, Mt. Santa Marta, Vista Nieve. Distr. — Mexico. Colombia.
- ARCUARIA* Alexander, 1945L:384. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- BANKSI* Alexander, 1927c:273. Type-locality: Panama, Canal Zone, Barro Colorado Is. Distr. — Panama.
- BOLIVIENSIS* Alexander, 1930c:736. Type-locality: Bolivia, Santa Cruz. Distr. — Bolivia. Ref. — Alexander, 1962c:132, fig. 111 (male hypopygium).
- BRUNNEIPENNIS* Alexander, 1938b:352. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- CHIONOPODA* Alexander, 1943a:226. Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- CHIRIQUIANA* Alexander, 1945L:385. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- CINCTIVENTRIS* Alexander, 1967c:375. Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- CITILLARIA* Alexander, 1929a:173, fig. 96 (wing). Type-locality: Chile, Llanquihue, Ensenada. Distr. — Chile.
- DECINCTA* Alexander, 1962c:133, fig. 112 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal. Distr. — Bolivia.
- DISTINCTIOR* Alexander, 1952a:122. Type-locality: Bolivia, Cochabamba, Yungas de Cristal Mayu. Distr. — Bolivia.
- FUMIPES* Alexander, 1928a:114. Type-locality: Mexico, Chiapas. Hueitepec. Distr. — Mexico.
- HUMILIS* Alexander, 1931c:631. Type-locality: Colombia, Magdalena, Mt. Santa Marta, Vista Nieve. Distr. — Colombia.
- JUQUIENSIS* Alexander, 1945j:27, fig. 11 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- LUTEIANNULATA* *LUTEIANNULATA* Alexander, 1939a:81. Type-locality: Mexico, Chiapas, Finca Victoria. Distr. — Mexico.
- ssp. *CHIRIQUENSIS* Alexander, 1941g:351 (also 1946h:98). Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- MERIDIONALIS* Alexander, 1913b:489 (nom. nov. for *longirostris* Williston). Type-locality: Lesser Antilles: St. Vincent. Distr. — St. Vincent.
- longirostris* Williston, 1896a:288 (*Toxohrina*; preocc. Loew, 1851). Type-locality: "St. Vincent".
- PICTIVENTRIS* Alexander, 1945o:603. Type-locality: Ecuador, Santiago-Zamora, Zamora. Distr. — Ecuador.
- PRIMITIVA* Alexander, 1943b:121. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- PRIMOGENIA* Alexander, 1948c:554, fig. 36 (male hypopygium). Type-locality: Brazil, Rio de Janeiro, Teresópolis. Distr. — Brazil.



- SERRULIFERA Alexander, 1949c:592. Type-locality: Peru, Junín, Tarma, Utcuyacu. Distr. — Peru.
- SETULISTYLA Alexander, 1938b:351. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Venezuela, Ecuador.
- SORDIDIPES Alexander, 1962c:134, fig. 109 (wing). Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- SUBHUMILIS Alexander, 1938b:350. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- TARSALBA Alexander, 1928h:363. Type-locality: Surinam, Paramaribo. Distr. — Surinam.
- TENUISSIMA Alexander, 1944b:177, fig. 10 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- TIGRIVENTRIS Alexander, 1942e:253. Type-locality: Ecuador, Manabí, Palmar. Distr. — Ecuador.
- UNICINCTA Alexander, 1962c:135, figs. 110 (wing), 113 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal. Distr. — Bolivia.
- WESTWOODI ANTILLARUM Alexander, 1932:386, fig. 13 (wing). Type-locality: Cuba, Trinidad Mts., Buenos Aires. Distr. — Cuba, Haiti.

Subgenus ELEPHANTOMYINA Alexander

- Elephantomyia*, subg. ELEPHANTOMYINA Alexander, 1938b: 349. Type-species, *supernumeraria* Alexander (orig. des.).
- SUPERNUMERARIA Alexander, 1921d:60. Type-locality: Peru, Loreto, Napo River. Distr. — Peru. Ref. — Alexander, 1938b:349.

Subgenus XENOELEPHANTOMYIA Alexander

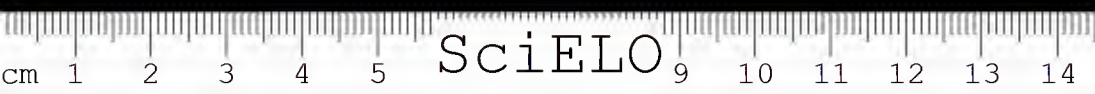
- Elephantomyia*, subg. XENOELEPHANTOMYIA Alexander, 1965a:402. Type-species, *penai* Alexander (orig. des.).
- PENAI Alexander, 1965a:403. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.

Genus EPIPHRAGMA Alexander

- Limnophila*, subg. EPIPHRAGMA Osten Sacken, 1859:238. Type-species, *parvonina* Osten Sacken (Coquillett, 1910:539) = *fasciapennis* (Say). Ref. — Alexander, 1948a:168, fig. (general discussion).
- ADSPERSA (Wiedemann), 1828:550 (*Limnobia*). Type-locality: "Brazil". Distr. — Guyana, Brazil. Ref. — Alexander, 1913b:551, fig. 34 (wing).
- AMPHILEUCA Alexander, 1941c:329. Type-locality: Panama, Chiriquí, Potrerillos. Distr. — Panama.
- ANNULICORNE Alexander, 1921b:176. Type-locality: Argentina, Tucumán, Quebrada Famaila. Distr. — Peru, Bolivia, Argentina.
- ATROTERMINATA Alexander, 1943g:526. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- AURICOSTA Alexander, 1939d:116. Type-locality: Lesser Antilles: Dominica, Valle Nuevo, Southeast of Constanza. Distr. — Dominica.
- BINIGROCINCTA Alexander, 1962c:120, figs. 99 (wing), 102 (male hypopygium). Type-locality: Bolivia, Yungas de Arepuchó, Silhuencas. Distr. — Bolivia.



- BUSEKI Alexander, 1913b:540, fig. 36 (wing). Type-locality: Hispaniola: Dominican Republic, San Francisco Mts. Distr. — Haiti, Dominican Republic.
- CELATOR Alexander, 1946b:238. Type-locality: Mexico, Michoacán, Cerro Taneitaro. Distr. — Mexico.
- CIRCINATA Osten Saeken, 1886a:9. Type-locality: Costa Rica, Mt. Irazu. Distr. — Costa Rica, Panama.
- CLAUDIA Alexander, 1945o:597. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- CORDILLERENSE Alexander, 1913e:202, pl. 5, fig. 8 (wing). Type-locality: Colombia, Cauca, Popayán. Distr. — Colombia, Peru, Bolivia.
- CUBENSE Alexander, 1929e:403. Type-locality: Cuba, Oriente, Los Llanos, Maisi. Distr. — Cuba.
- CYNOTIS Alexander, 1945o:595. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- DELIBERATA Alexander, 1939b:189. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- DELICATULA Osten Sacken, 1887b:208. Type-locality: "Colombia". Distr. — Colombia, Venezuela.
- DIADEMA Alexander, 1939b:193. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- ENIXA Alexander, 1939b:190. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Venezuela, Ecuador.
- ENIXOIDES Alexander, 1962c:121. Type-locality: Bolivia, Yungas de Forestal. Distr. — Bolivia.
- FABRICII Alexander, 1913b:537, fig. 33 (wing) (nom. nov. for *maculata* Fabricius). Type-locality: "South America." Distr. — Peru, Brazil. *maculata* Fabricius, 1805:27 (*Tipula*; preocc. Linnaeus, 1758). Type-locality: "South America".
- FARRI Alexander, 1951a:101. Type-locality: Guatemala, Chicleaeo, El Naranjo. Distr. — Guatemala.
- FELIX Alexander, 1943g:522. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- FILIFORME Alexander, 1940d:219. Type-locality: Ecuador, Napo-Pastaza, Río Pastaza, San Francisco. Distr. — Ecuador. Ref. — Alexander, 1953e:33, figs. 2 (antenna), 3 (male hypopygium).
- GAIGEI Alexander, 1928h:362. Type-locality: Panama, Chiriqui, Boquete. Distr. — Panama.
- GENUALE Alexander, 1934a:64. Type-locality: Panama, Chiriqui, Finca Levida. Distr. — Panama.
- GRACILICORNE Alexander, 1916a:21, pl. 1, fig. 11 (wing). Type-locality: Colombia, Magdalena, La Cumbre. Distr. — Colombia.
- HIRTISTYLATA Alexander, 1939b:198. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador. Ref. — Alexander, 1953c:33, fig. 4 (male hypopygium).
- HISTRIO Schiner, 1868:41. Type-locality: "Venezuela" (not "Colombia", as stated). Distr. — Venezuela. Refs. — Alexander, 1947d:45; 1948a:171.
- IMITANS Alexander, 1913b:536, fig. 35 (wing). Type-locality: Bolivia, San Antonio. Distr. — Brazil, Bolivia, Argentina. Closely related to *solatrix* (Osten Saeken). Ref. — Brueh, 1939a:16-20; text fig. 3 (pupa). pl. 4, fig. 14 (entire female); pl. 7, figs. 23, 24 (immature stages); pls. 9, 10, figs. 17-43 (details of larva, pupa).



- IMMACULIPES Alexander, 1941c:332. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- INAEQUICINCTA Alexander, 1941c:331. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama, Costa Rica, Venezuela.
- INORNATIPES Alexander, 1939d:118. Type-locality: Cuba, Oriente, Sierra Maestra, Pico Turquino. Distr. — Cuba.
- INTERSPERSA Alexander, 1953c:34, figs. 1 (wing), 5 (male hypopygium). Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador, Bolivia.
- JUQUICOLA Alexander, 1945c:266. Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- JURATOR Alexander, 1948a:172. Type-locality: Peru, Junín, Huacapistana. Distr. — Peru.
- MELAXANTHA Alexander, 1943g:524. Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- MEPHISTOPHELICA Alexander, 1947f:94, fig. 11 (wing). Type-locality: Venezuela, Aragua, Choroní. Distr. — Venezuela.
- MITHRAS Alexander, 1949d:253. Type-locality: Peru, Huanuco, Chinchao. Distr. — Peru.
- MUSCICOLA Alexander, 1943g:528. Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- NEBULOSA (Bellardi), 1861:206, pl. 1, fig. 4 (wing) (*Tipula*). Type-locality: "Mexico". Distr. — Mexico.
- NEPHELE Alexander, 1948a:174. Type-locality: Peru, Junín, Huacapistana. Distr. — Peru.
- NIGRIPLEURALIS Alexander, 1945j:17, fig. 8 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- NIGROPLAGIATA Alexander, 1939b:187. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador, Peru. Ref. — Alexander, 1953c:35, fig. 6 (male hypopygium).
- OREONYMPHA Alexander, 1928a:110. Type-locality. Mexico, Chiapas, San Cristóbal. Distr. — Mexico.
- OXYPHALLUS Alexander, 1939b:196. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador. Ref. — Alexander, 1953c:36, fig. 9 (male hypopygium).
- PARVISETA Alexander, 1941d:122. Type-locality: Ecuador, Mt. Tungurahua. Distr. — Ecuador. Ref. — Alexander, 1953c:36, figs. 7 (antenna), 8 (male hypopygium).
- PERSANCTA Alexander, 1938f:248. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Venezuela, Brazil. Ref. — Alexander, 1948a:153, fig. 5 (wing).
- PETALINA Alexander, 1947f:95. Type-locality: Venezuela, Aragua, Choroní. Distr. — Venezuela.
- PIAEOXANTHA Alexander, 1944d:313. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Cunibunda. Distr. — Ecuador. Ref. — Alexander, 1953c:37.
- PUNCTATISSIMA (Wiedemann), 1828:30 (*Limnobia*). Type-locality: "Brazil". Distr. — Brazil.
- PUPILLATA Alexander, 1913b:539, fig. 37 (wing). Type-locality: Brazil, Mato Grosso, Chapada [dos Guimarães]. Distr. — Brazil.
- SACKENI Williston, 1896a:294. Type-locality: Lesser Antilles: St. Vincent. Distr. — St. Vincent.



- SAPPHO Alexander, 1943g:530. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- SEPTUOSA Alexander, 1962c:123, fig. 103 (male hypopygium). Type-locality: Bolivia, Yungas de Arepucho, Silhuencas. Distr. — Bolivia.
- SERRISTYLA Alexander, 1945j:19, fig. 9 (male hypopygium). Type-locality: Brazil, Rio de Janeiro, Teresópolis, Serra dos Órgãos. Distr. — Brazil.
- SOLATRIX Osten Sacken, 1859:238; 1869:195, pl. 2, fig. 8 (wing). Type-locality: U.S.A., District of Columbia. Distr. — Southern U.S.A., to Mexico. Refs. — Alexander, 1919b:915, fig. 159 (wing); 1921f:844, pls. 37, 38 (immature stages); 1939b:186.
- SUBENIXA Alexander, 1939b:192. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- SUBSOLATRIX Alexander, 1939b:186. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Venezuela, Ecuador.
- SYBARITICA Alexander, 1947f:92, fig. 10 (wing). Type-locality: Venezuela, Aragua, Choroni. Distr. — Venezuela.
- VARIA (Wiedemann), 1828:573 (*Limnobia*). Type-locality: "Brazil". Distr. — Panama, Venezuela, Guyana, Ecuador, Peru, Brazil.
- XANTHOMELA Alexander, 1939b:195. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.

Genus GYNOPLISTIA Westwood

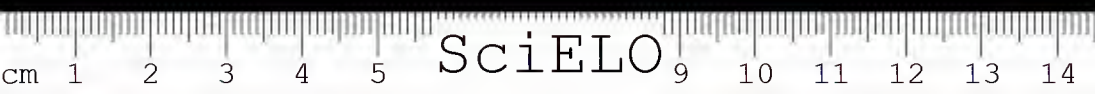
- GYNOPLISTIA Westwood, 1835a:280. Type-species, *nervosa* Westwood (Brunetti, 1918:332) = *vilis* (Walker) (Australasian).
- Ctedonia* Philippi 1865:602. Type-species, *bicolor* Philippi (Enderlein, 1917:57). Refs. — Alexander, 1929a:148; 1948c:524.
- Scepasma* Enderlein, 1917:60. Type-species, *Ctedonia bipunctata* Philippi (orig. des.).

Subgenus DIRHIPIS Enderlein

- DIRHIPIS Enderlein, 1917:58 (as genus). Type-species, *riedeliana* Enderlein (orig. des.).
- FUSCA (Jaenicke), 1867:322 (*Ctedonia*). Type-locality: "Chile". Distr. — Chile.
- RIEDELIANA (Enderlein), 1917:58, figs. 1 (male antenna), 2 (wing), 3 (palpus) (*Dirhipis*). Type-locality: Chile, Concepción. Distr. — Chile.
- STRIATIPENNIS Alexander, 1928e:246 (for 1927) [*Gynoplistia* (*Ctedonia*)]. Type-locality: Chile, Valdivia, Panguipulli. Distr. — Chile.

Subgenus GYNOPLISTIA Westwood

- BIARMATA Alexander, 1931c:629. Type-locality: Chile, Malleco, Angol. Distr. — Chile.
- BICOLOR BICOLOR (Philippi), 1865:603 (*Ctedonia*). Type-locality: Chile, Llanquihue, Puerto Montt. Distr. — Chile. Refs. — Alexander, 1929a:158, fig. 82 (wing); 1948c:527, fig. 14 (wing).
- ssp. DILLMANI Alexander, 1952b:109. Type-locality: Chile, Arauco, Cerros de Nahuelbuta. Distr. — Chile.
- BIPUNCTATA (Philippi), 1865:603 (*Ctedonia*). Type-locality: Chile, Valdivia, Pantanos. Distr. — Chile. Refs. — Alexander, 1929a:151; Enderlein, 1917:60 (*Scepasma*).



- ELNORAE (Alexander), 1929a:159 (*Ctedonia*). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile.
- FLAVIPENNIS (Philippi), 1865:602 (*Ctedonia*). Type-locality: Chile, Valdivia. Distr. — Chile.
- GILVIPENNIS Alexander, 1928e:248 [*Gynoplistia* (*Ctedonia*)]. Type-locality: Chile, Valdivia, Panguipulli. Distr. — Chile, Argentina.
- HYLONYMPHA Alexander, 1929a:163, fig. 84 (wing). Type-locality: Argentina, Rio Negro, Lake Correntoso. Distr. — Chile, Argentina.
- LEUCOPEZA LEUCOPEZA Alexander, 1929a:161, figs. 78 (wing), 213 (male hypopygium). Type-locality: Chile, Chiloé Is., Castro. Distr. — Chile.
- ssp. POSTICA Alexander, 1929a:162, fig. 93 (wing). Type-locality: Chile, Chiloé Is., Castro. Distr. — Chile.
- MANICATA Alexander, 1929a:160, fig. 77 (wing). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile.
- PENANA Alexander, 1967c:373. Type-locality: Chile. Cordillera Curicó, El Coigual. Distr. — Chile.
- PICTIPENNIS (Philippi), 1865:603 (*Ctedonia*). Type-locality: Chile Valdivia. Distr. — Chile.
- SCHACHOVSKOYANA Alexander, 1960:17. Type-locality: Argentina, Neuquén, Lago Lacar. Distr. — Argentina.
- TRISTILLATA Alexander, 1929a:165, fig. 85 (wing). Type-locality: Chile, Llanquihue, Puerto Varas. Distr. — Chile.
- VARIATA VARIATA Alexander, 1931c:628. Type-locality: Chile, Malleco, Angol. Distr. — Chile.
- ssp. FLAVIDULA Alexander, 1952b:109. Type-locality: Chile, Malleco, Rio Blanco. Distr. — Chile.
- VARNICALCARATA Alexander, 1929a:165, fig. 86 (wing). Type-locality: Chile, Llanquihue, Puerto Varas. Distr. — Chile.
- VARIPIES Alexander, 1929a:162, figs. 83 (wing), 214, 215 (male hypopygium). Type-locality: Chile, Chiloé Is., Castro. Distr. — Chile.

Genus HEXATOMA Latreille

HEXATOMA Latreille, 1809:260. Type-species, *nigra* Latreille (mon.).

Subgenus CLADOLIPES Loew

- CLADOLIPES Loew, 1865:424 (as genus). Type-species, *simplex* Loew (mon.) (Western Palearctic).
- CISATLANTICA Alexander, 1937d:608. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Ref. — Alexander, 1948c:527, fig. 16 (wing).

Subgenus ERIOCERA Macquart

- Caloptera* Guérin-Ménéville, 1831: pl. 20, fig. 2 (as genus). Type-species, *fasciata* Guérin-Ménéville (orig. des.; as gen. n., sp. n.) [See note in Alexander, 1965d:69].
- ERIOCERA Macquart, 1838a:78(74) (as genus). Type-species, *Limnobia nigra* Wiedemann (mon.) = *wiedemanni* Alexander (Neotropical).
- Arrhenica* Osten Sacken, 1859:242. Type-species, *spinosa* Osten Sacken (Coquillett, 1910:510).



- Penthoptera* Schiner, 1863:220. Type-species, *Tipula chirothecata* Scopoli (orig. des.). Ref. — Alexander, 1948c:529, figs.
- ACUNAI (Alexander), 1928b:56 (*Eriocera*). Type-locality: Cuba, Pinar del Río, Sierra Rangel, Las Ánimas. Distr. — Cuba.
- AETHIEREA (Alexander), 1916c:346, fig. 5 (wing) (*Eriocera*). Type-locality: Hispaniola: Dominican Republic, San Lorenzo. Distr. — Dominican Republic.
- AGLAI A Alexander, 1945o:601. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- AMAZONICOLA (Alexander), 1920c:144 (*Eriocera*). Type-locality: Brazil, Amazonas, Manaus. Distr. — Brazil.
- ANDICOLA (Alexander), 1923c:312 (*Eriocera*). Type-locality: Argentina, Jujuy, Ciudad. Distr. — Argentina.
- ANTENNATA (Alexander), 1930c:735 (*Eriocera*). Type-locality: Colombia, Magdalena, Seville. Distr. — Colombia.
- ARGENTINA (Alexander), 1919a:148, fig. 7 (wing) (*Eriocera*). Type-locality: Argentina, Catamarca, La Plaza. Distr. — Argentina.
- ATROSIGNATA Alexander, 1941h:259. Type-locality: Peru, Huanuco, Puma-huasi. Distr. — Peru.
- AURANTIONOTA Alexander, 1939a:78. Type-locality: Mexico, Chiapas, Huixtla. Distr. — Mexico.
- BATESI (Alexander), 1921d:67 (*Penthoptera*). Type-locality: Brazil, Amazonas, Tefé. Distr. — Brazil.
- BEEBEANA Alexander, 1950a:49, fig. 23 (wing). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- BEQUAERTIANA Alexander, 1938h:437. Type-locality: Colombia, Boyaca, Muzo. Distr. — Colombia.
- BIFURCATA Alexander, 1947:97. Type-locality: Venezuela, Aragua, Choroni. Distr. — Venezuela.
- BITUBERCULATA (Macquart), 1838a:76(72) (*Limnobia*). Type-locality: Unknown; Osten Sacken, 1869:248 says "Brazil." Identity doubtful.
- BRACONIDES (Enderlein), 1912:47, fig. B1 (wing) (*Eriocera*). Type-locality: "Colombia". Distr. — Colombia.
- BREVIUSCULA (Alexander), 1929b:97 (*Eriocera*). Type-locality: Peru, Putumayo, La Chorrera. Distr. — Peru. Ref. — Alexander, 1948c:527, fig. 19 (wing).
- BRUNERI (Alexander), 1928b:55 (*Eriocera*). Type-locality: Cuba, Oriente, Jarahueca. Distr. — Cuba.
- BRUNNEIPES (Williston), 1900:227, p. 4, fig. 5 (*Eriocera*). Type-locality: Mexico, Veracruz, Orizaba. Distr. — Mexico.
- CABRALENSIS Alexander, 1945j:24, fig. 6 (wing). Type-locality: Brazil, São Paulo, Pôrto Cabral, Alto Paraná River. Distr. — Brazil.
- CAMINARIA (Wiedemann), 1828:79 (*Limnobia*). Type-locality: "Brazil". Distr. — Brazil. Ref. — Alexander, 1922c:53.
- CANDIDIPES (Alexander), 1923a:20 (*Penthoptera*). Type-locality: Venezuela, Táchira, Táchira. Distr. — Venezuela.
- CAPTIOSA Alexander, 1945o:600. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- CARRERAI Alexander, 1942i:65, fig. 29 (wing). Type-locality: Brazil, São Paulo, Guarujá. Distr. — Brazil.
- CHALYBEIVENTRIS Alexander, 1949c:591. Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.

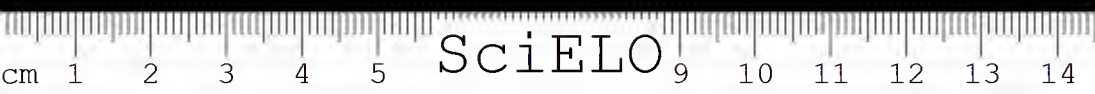
- CHRYSOPTERA (Walker), 1856:438 (*Limnobia*). Type-locality: "South America." Distr. — Brazil. Ref. — Alexander, 1914b:214, pl. 9, fig. 13 (wing).
- CHRYSOPTEROIDES (Alexander), 1922c:58 (*Eriocera*). Type-locality: "Brazil". Distr. — Brazil.
- COLUMBIANA (Alexander), 1919a:147, fig. 8 (wing) (*Eriocera*). Type-locality: Colombia, Bolívar. Distr. — Costa Rica, Colombia.
- CONJUNCTA (Alexander), 1914a:44, fig. 2 (wing) (*Penthoptera*). Type-locality: Guatemala, Patuluc. Distr. — Guatemala.
- CORNIGERA (Alexander), 1914a:40, fig. 3 (wing) (*Eriocera*). Type-locality: Bolivia, Cuticucho, Yungas de Songo Valley. Distr. — Bolivia.
- COROICOENSIS Alexander, 1962c:128, fig. 104 (wing). Type-locality: Bolivia, Yungas de Coroico. Distr. — Bolivia.
- CRAMPTONI (Alexander), 1928g:23 (*Eriocera*). Type-locality: Jamaica, Cinchona. Distr. — Jamaica.
- CUBENSIS (Alexander), 1926b:229 (*Eriocera*). Type-locality: Cuba, Trinidad Mountains. Distr. — Cuba. Refs. — Alexander, 1932:370, fig. 12 (wing); 1948c:527, fig. 18 (wing).
- DOMINGENSIS (Alexander), 1916c:346, fig. 6 (wing) (*Eriocera*). Type-locality: Hispaniola: Dominican Republic, Sánchez. Distr. — Dominican Republic.
- ERYTHRAEA (Osten Sacken), 1886a:11 (*Eriocera*). Type-locality: Guatemala, San Gerónimo. Distr. — Guatemala, Costa Rica.
- ESMERALDA Alexander, 1952a:120. Type-locality: Ecuador, Esmeraldas, Río Salinas. Distr. — Ecuador.
- EXQUISITA (Alexander), 1914c:123, fig. 5 (wing) (*Eriocera*). Type-locality: Costa Rica, Alajuela. Distr. — Costa Rica.
- FARRIANA Alexander, 1964a:63, fig. 62 (wing). Type-locality: Jamaica, Portland, Hardwar Gap. Distr. — Jamaica.
- FASCIATA (Guérin-Méneville), 1830:287, pl. 20, fig. 2 (wing) (*Evanioptera*). Type-locality: Brazil, Santa Catarina. Distr. — Brazil.
- FERAX Alexander, 1937b:242. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- FLAMMEINOTA (Alexander), 1930c:734 (*Eriocera*). Type-locality: Brazil, Minas Gerais. Distr. — Brazil.
- FLAMMEIPENNIS Alexander, 1942g:178, fig. 5 (wing). Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr. — Brazil.
- FLAVICEPS (Wiedemann), 1828:550 (*Limnobia*). Type-locality: "Brazil". Distr. — Brazil.
- FLAVIDA (Williston), 1900:227 (*Eriocera*). Type-locality: Mexico, Morelos, Cuernavaca. Distr. — Mexico.
- FULVITHORAX Alexander, 1966c:473. Type-locality: Argentina, Santa Cruz Lago Argentino, Calafate. Distr. — Argentina.
- GOMESIANA Alexander, 1945e:225. Type-locality: Brazil, Rio de Janeiro, Alto do Itatiaia. Distr. — Brazil.
- GOYAZENSIS Alexander, 1940f:396, fig. 6 (wing). Type-locality: Brazil, Goiás, Campinas. Distr. — Brazil.
- GRACILIS (Osten Sacken), 1886a:12 (*Eriocera*). Type-locality: Mexico, Veracruz, Orizaba. Distr. — Mexico.
- HAEMORRHOA (Osten Sacken), 1886a:11 (*Eriocera*). Type-locality: Mexico, Mexico, Veracruz, Orizaba. Distr. — Mexico.

- INTERLINEATA Alexander, 1934a:67. Type-locality: Panama, Chiriqui, Finca Parada. Distr. — Mexico, Costa Rica, Panama.
- INTERMEDIA (Alexander), 1927c:271 [*Eriocera* (*Penthoptera*)]. Type-locality: Panama, Canal Zone, Barro Colorado Is. Distr. — Panama.
- JOCULARIS Alexander, 1948c:534. Type-locality: Brazil, Rio de Janeiro. Distr. — Brazil.
- JULIANA Alexander, 1937e:529, fig. 6 (wing). Type-locality: Cuba, Oriente, Sierra Maestra, Pico Turquino. Distr. — Cuba.
- JURATA Alexander, 1936d:759. Type-locality: Brazil, Rio de Janeiro, Itaitaia. Distr. — Brazil.
- KAETURENSIS (Alexander), 1914a:41, fig. 1 (wing) (*Eriocera*). Type-locality: Guyana, Kaieteur Falls, Potaro River. Distr. — Guyana.
- LADDEYI Alexander, 1942d:142. Type-locality: Ecuador, Pichincha, Santo Domingo de los Colorados. Distr. — Ecuador.
- LATICOSTATA Alexander, 1937d:607. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- LATISSIMA (Alexander), 1922c:55 (*Eriocera*). Type-locality: "Venezuela" ["Novara Reise"]. Distr. — Venezuela.
- LESSEPSI (Osten Sacken), 1886a:13 (*Eriocera*). Type-locality: "Panama". Distr. — Panama.
- LONGIPENNIS (Alexander), 1923a:17 (*Eriocera*). Type-locality: Venezuela, Macuto. Distr. — Venezuela.
- LONGISTYLA (Alexander), 1914a:39, fig. 6 (wing) (*Eriocera*; nom. nov. for *erythrocephala* Fabricius). Type-locality: "South America". Distr. — Guyana.
- erythrocephala* Fabricius, 1805:31 (*Tipula*; procc. De Geer, 1776). Type-locality: "South America".
- LOPESI Alexander, 1942g:178, fig. 6 (wing). Type-locality: Brazil, Goiás, Campinas. Distr. — Brazil.
- LUTEICOLOR Alexander, 1968c:215. Type-locality: Puerto Rico, Maricao State Forest. Distr. — Puerto Rico.
- LUTETARSIS Alexander, 1964a:64, fig. 63 (wing). Type-locality: Jamaica, St. Thomas, Whitfield Hall. Distr. — Jamaica.
- MACQUARTI (Enderlein), 1912:45 (*Eriocera*; nom. nov. for *nigra* Macquart). Type-locality: "Brazil." Distr. — Brazil.
- nigra* Wiedemann of Macquart, 1838a:79(75) pl. 10, fig. 2 (*Eriocera*).
- MACROCERA (Alexander), 1914a:40, fig. 4 (wing) (*Eriocera*). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Brazil.
- MAGISTRA Alexander, 1942d:144. Type-locality: Ecuador, Napo-Pastaza, Río Huagra Yacu. Distr. — Ecuador.
- MAONIFICA (Alexander), 1914a:37, fig. 7 (wing) (*Eriocera*). Type-locality: Guatemala, Alta Verapaz, Cacao Trece Aguas. Distr. — Guatemala.
- MALDONADOI Alexander, 1952d:245. Type-locality: Venezuela, Camp Benítez, Marahuaca Region, foot of Pacaraima Mts. Distr. — Venezuela.
- MANABIANA Alexander, 1942d:141. Type-locality: Ecuador, Pichincha, Santo Domingo de los Colorados. Distr. — Ecuador.
- MARGARITAE Alexander, 1954a:38. Type-locality: Brazil, Rio de Janeiro — São Paulo Road. Distr. — Brazil.
- MELANACRA (Wiedemann), 1828:548 (*Eriocera*). Type-locality: "Brazil". Distr. — Brazil.

- MELANOLITHA (Alexander), 1927c:272 [*Eriocera* (*Penthoptera*)]. Type-locality: Guatemala, Antigua, El Salto. Distr. — Mexico, Guatemala, El Salvador.
- MELANONOTA Alexander, 1968e:216. Type-locality: Puerto Rico, Luquillo National Forest. Distr. — Puerto Rico.
- MELINA (Alexander), 1922c:63 (*Eriocera*). Type-locality: Paraguay, San Bernardino. Distr. — Paraguay.
- MESOXANTHA (Osten Sacken), 1886a:10 (*Eriocera*). Type-locality: Mexico, Veraacruz, Orizaba. Distr. — Mexico.
- MULTIGUTTULA Alexander, 1939d:124. Type-locality: Hispaniola: Dominican Republic, Valle Nuevo, southeast of Constanza. Distr. — Dominican Republic.
- MYRTEA (Alexander), 1922c:62 (*Eriocera*). Type-locality: "Brazil". Distr. — Brazil.
- NEOSAGA Alexander, 1947d:51, fig. 5 (wing). Type-locality: Venezuela, Carabobo, San Esteban. Distr. — Venezuela.
- NIGROCHALYBEA (Alexander), 1922e:57 (*Eriocera*). Type-locality: "Brazil". Distr. — Brazil.
- OBSOLETA (Williston), 1900:227 (*Eriocera*). Type-locality: Honduras, Ruatan Is. Distr. — Honduras.
- OCELLIFERA (Alexander), 1915e:104 (*Eriocera*). Type-locality: Puerto Rico, Mayaguez. Distr. — Puerto Rico. Ref. — Alexander, 1932:370.
- OGLOBLINI Alexander, 1935a:325. Type-locality: Argentina, Misiones, Loreto. Distr. — Argentina.
- OHAUSIANA (Enderlein), 1912:45, fig. A1 (*Eriocera*). Type-locality: Ecuador, Sabanilla. Distr. — Colombia, Ecuador, Peru, Bolivia.
- OPULENTA Alexander, 1951a:104. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- ORNATICORNIS Alexander, 1939d:123, fig. 7 (wing). Type-locality: Cuba, Oriente, Sierra del Cobre, Loma del Gato. Distr. — Cuba.
- PALLIDIPES (Alexander), 1926a:172, fig. 10 (wing) (*Eriocera*). Type-locality: Mexico, Veracruz. Distr. — Mexico.
- PATENS Alexander, 1938b:348, fig. 6 (wing). Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador. Ref. — Alexander, 1948e:527, fig. 20 (wing).
- PERDECORA (Alexander), 1914b:213, pl. 9, fig. 11 (wing) (*Eriocera*). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- PERENENSIS (Alexander), 1923a:18 (*Eriocera*). Type-locality: Peru, Junín, Colonia del Perené. Distr. — Peru.
- PEREXIGUA Alexander, 1941h:258. Type-locality: Peru, Huanuco, Pumahuasi. Distr. — Peru.
- PERFESTIVA Alexander, 1951a:106. Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- PERLAETA (Alexander), 1922e:54 (*Eriocera*). Type-locality: "Colombia". Distr. — Brazil, Colombia.
- PERPULCHRA (Alexander), 1914a:38, fig. 8 (wing) (*Eriocera*). Type-locality: "Northern Brazil". Distr. — Brazil.
- PERRARA Alexander, 1936a:15. Type-locality: Brazil, Rio de Janeiro, Rezen-de, Campo Bclo. Distr. — Brazil.
- PERUVIANA (Alexander), 1914a:42, fig. 5 (wing) (*Eriocera*). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- PERVERSA Alexander, 1937e:495. Type-locality: Ecuador, Napo-Pastaza, Río Blanco, Yunquilla. Distr. — Ecuador.



- PERVIA Alexander, 1966a:227. Type-locality: Ecuador, Napo-Pastaza, Libertad. Distr. — Ecuador.
- PIATRIK Alexander, 1942d:143. Type-locality: Ecuador, Pichincha, Santo Domingo de los Colorados. Distr. — Ecuador.
- PLAUMANNI PLAUMANNI Alexander, 1936c:61. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- ssp. LATAURATA Alexander, 1937d:608. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- PLUMBEICOLOR Alexander, 1942d:145. Type-locality: Ecuador, Los Ríos, Playas de Montalvo. Distr. — Ecuador.
- PLUMBEINOTA Alexander, 1940b:159. Type-locality: Mexico, Guerrero, Taxco. Distr. — Mexico.
- PRETIOSA (Osten Sacken), 1886a:12 (*Eriocera*). Type-locality: Mexico, Veracruz, Orizaba. Distr. — Mexico.
- PROPINQUUA Alexander, 1936d:760. Type-locality: Brazil, Rio de Janeiro, Itatiaia. Distr. — Brazil.
- PULCHRIPES (Alexander), 1922c:59 (*Eriocera*). Type-locality: Bolivia, Yungas de Corolco. Distr. — Bolivia.
- PULLATIPES Alexander, 1951a:105. Type-locality: Peru, Huanuco, Fundo Sinchono, Cordillera Azul. Distr. — Peru.
- REVERENTIA Alexander, 1949b:480, fig. 12 (wing). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- RORAIMELLA Alexander, 1935a:325. Type-locality: Venezuela, Mt. Roraima. Distr. — Venezuela, Brazil.
- RUFICORNIS (Macquart), 1838b:176 (*Cylindrotoma*). Type-locality: "Brazil". Distr. — Brazil.
- RUPUNUNI Alexander, 1945L:381. Type-locality: Guyana, Pirara, Rupununi. Distr. — Guyana.
- SAGA Alexander, 1940e:900, fig. 3 (wing). Type-locality: Venezuela, Trujillo, Quebrada de las Avispas. Distr. — Venezuela.
- SANCTAEMARTAE (Alexander), 1919a:148, fig. 9 (wing) (*Penthoptera*). Type-locality: Colombia, Magdalena, Mt. Santa Marta. Distr. — Colombia.
- SCHAUSEANA Alexander, 1966c:474. Type-locality: Guatemala, Cayuga. Distr. — Guatemala.
- SCHILDEANA Alexander, 1966c:475, fig. 5 (wing). Type-locality: Costa Rica, San Mateo, Higuito. Distr. — Costa Rica.
- SCHINERI (Alexander), 1922c:60 (*Eriocera*; nom. nov. for *fuliginosa* Schiner). Type-locality: "Colombia". Distr. — Colombia, Venezuela.
- fuliginosa* Schiner, 1868:42 (*Penthoptera*; preocc. Osten Sacken, 1859). Type-locality: "Colombia".
- SCULLENIANA Alexander, 1965a:402. Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica.
- SEMIRUFA (Alexander), 1927c:273 (*Eriocera*; nom. nov. for *dimidiata* Alexander). Type-locality: Venezuela, Táchira, Táchira. Distr. — Venezuela.
- dimidiata* Alexander, 1923a:17 (*Eriocera*; preocc. Henriksen, 1922). Type-locality: Venezuela, Táchira, Táchira.
- SPECIOSA (Alexander), 1914e:252, pl. 3, fig. 10 (wing) (*Eriocera*). Type-locality: Guyana, Bartica. Distr. — Guyana.
- STOLIDA Alexander, 1934a:68. Type-locality: Panama, Chiriquí, Finca Parada. Distr. — Panama.



- SUBGRACILIS Alexander, 1939a:79. Type-locality: Mexico, Chiapas, Huixtla. Distr. — Mexico.
- SUBLIMA (Alexander), 1914b:214, pl. 9, fig. 12 (wing) (*Eriocera*). Type-locality: Brazil, Minas Gerais. Distr. — Brazil.
- SUBOCCELLATA Alexander, 1964a:65, fig. 64 (wing). Type-locality: Jamaica, Portland, Hardwar Gap. Distr. — Jamaica.
- SUBSAGA Alexander, 1941h:261. Type-locality: Peru, Junin, Satipo. Distr. — Peru.
- SUBSTOLIDA Alexander, 1939a:77. Type-locality: Mexico, Chiapas, Finca Belén. Distr. — Mexico.
- TAENIOPTERA (Wiedemann), 1828:28 (*Limnobia*). Type-locality: "Brazil". Distr. — Brazil. Ref. — Alexander, 1922c:56.
- TENEБROSA (Walker), 1856:439 (*Limnobia*). Type-locality: "South America". Distr. — South America.
- THIOLOPA (Alexander), 1931c:630 (*Eriocera*). Type-locality: Brazil, Santa Catarina, Jaraguá. Distr. — Brazil.
- TOWNSENDI (Alexander), 1914a:42 (*Eriocera*). Type-locality: Mexico, Chihuahua, Sierra Madre. Distr. — Mexico.
- TRANQUILLA (Alexander), 1922c:59 (*Eriocera*). Type-locality: "Brazil" (Blumenau). Distr. — Brazil.
- TRIALROSIGNATA Alexander, 1941h:262. Type-locality: Peru, Huanuco, Pumahuasi. Distr. — Peru.
- TRIFASCIATA (Röder), 1885:338 (*Eriocera*). Type-locality: "Puerto Rico". Distr. — Puerto Rico. Ref. — Alexander, 1932:370.
- VARIEGATA Alexander, 1936d:761. Type-locality: Brazil, Rio de Janeiro, Itatiaia. Distr. — Brazil.
- VENAVITTA Alexander, 1940f:394, fig. 5 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- VIRGULATIVENTRIS (Enderlein), 1912:47, fig. C1 (*Eriocera*). Type-locality: Colombia, Tolima, Natagaima. Distr. — Colombia.
- VITTINERVIS Alexander, 1936a:17. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- WEBERI Alexander, 1951a:103. Type-locality: Guyana, Courantyne River, Waricabra Falls. Distr. — Guyana.
- WIEDEMANNI Alexander, 1933:149 (nom. nov. for *nigra* Wiedemann). Type-locality: "Brazil". Distr. — Brazil.
- nigra* Wiedemann, 1828:27 (*Limnobia*; preocc. Latreille, 1809). Type-locality: "Brazil".
- WILLIAMSONI (Alexander), 1923a:19 (*Eriocera*). Type-locality: Peru, Colonia del Pcrené. Distr. — Peru.
- WILLISTONI (Alexander), 1913b:488 (*Eriocera*; nom. nov. for *fasciata* Williston). Type-locality: Mexico, Morelos, Cuernavaca. Distr. — Mexico.
- fasciata* Williston, 1900:226 (*Eriocera*; preocc. Guérin-Méneville, 1820). Type-locality: Mexico, Morelos, Cuernavaca.
- ZONATA (Osten Sacken), 1886a:10 (*Eriocera*). Type-locality: Mexico, Veracruz, Orizaba. Distr. — Mexico

Genus LECTERIA Osten Sacken

- LECTERIA Osten Sacken, 1887a:206. Type-species, *Tipula armillaris* Fabricius (orig. des.). Refs. — Alexander, 1913b:493; 1948a:176.



Subgenus LECTERIA Osten Sacken

- ARMILLARIS (Fabricius), 1805:26 (*Tipula*). Type-locality: "South America". Distr. — Costa Rica, Panama, Peru, Brazil. Refs. — Alexander, 1913b:497, fig. 42 (wing); 1948a:179, figs. 19-20 (wing).
 CALOPUS (Walker), 1856:439 (*Limnobia*). Type-locality: "South America." Distr. — South America.
 MATTOGROSSAE Alexander, 1913b:496, fig. 39 (wing). Type-locality: Brazil, Mato Grosso, Corumbá. Distr. — Brazil.

Subgenus PSARONIUS Enderlein

- PSARONIUS Enderlein, 1912:50 (as genus). Type-species, *lituratus* Enderlein (orig. des.) = *obscura* (Fabricius). Ref. — Alexander, 1948a:176, figs.
 ABNORMIS Alexander, 1914b:211, pl. 9, fig. 9 (wing). Type-locality: "Paraguay". Distr. — Bolivia, Argentina, Paraguay. Ref. — Alexander, 1948a:179, fig. 24 (wing).
 BREVISECTOR Alexander, 1936d:761. Type-locality: Brazil, Bahia, Ilhéus. Distr. — Brazil.
 BREVITIBIA (Alexander), 1920a:74 (*Psaronius*). Type-locality: Brazil, Pará, Óbidos. Distr. — Brazil.
 FUSCIPENNIS (Alexander), 1914e:249 (*Psaronius*). Type-locality: Guyana, Bartica. Distr. — Guyana, Brazil.
 LEGATA Alexander, 1948a:179. Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil.
 MANCA (Alexander), 1921d:64 (*Psaronius*). Type-locality: Brazil, Amazonas, Tefé. Distr. — Brazil.
 OBLITERATA Alexander, 1913b:494, fig. 41 (wing). Type-locality: Guyana, Tukeit. Distr. — Guyana.
 OBSCURA (Fabricius), 1805:27 (*Tipula*). Type-locality: "South America." Distr. — Guyana, Brazil. Ref. — Alexander, 1913b:495.
liturata Enderlein, 1912L:50, fig. E1 (wing) (*Psaronius*). Type-locality: Guyana, Demerara.
 PALLIPES (Alexander), 1920a:73 (*Psaronius*). Type-locality: Brazil, Pará, Prata. Distr. — Brazil.
 PYGMAEA (Alexander), 1914e:249, pl. 4, fig. 9 (wing) (*Psaronius*). Type-locality: Guyana, Bartica. Distr. — Guyana, Peru, Brazil.
 TRIANGULIFERA (Alexander), 1921d:63 (*Psaronius*). Type-locality: Peru, Loreto, Yuriniaguas. Distr. — Peru.

Genus LIMNOPHILA Macquart

- LIMNOPHILA Macquart, 1834:95. Type-species, *Limnobia pictipennis* Meigen Westwood, 1840:128). Ref. — Alexander, 1948c:513, figs. (general discussion).

Subgenus ARAUCOLIMNOPHILA Alexander

- Limnophila*, subg. ARAUCOLIMNOPHILA Alexander, 1939f:177. Type-species, *wolffhuegeli* Alexander (orig. des.).



WOLFFHUEGELI Alexander, 1939f:177. Type-locality: Chile, Llanquihue, Cayutue, near Lago de Todo los Santos. Distr. — Chile. Ref. — Alexander, 1948c:515, fig. 7 (wing).

Subgenus HABROLIMNOPHILA Alexander

Limnophila, subg. HABROLIMNOPHILA Alexander, 1968a:23. Type-species, *Austrolimnophila celestissima* Alexander (orig. des.).
CELESTISSIMA (Alexander), 1945f:17, fig. 9 (wing) (*Austrolimnophila*). Type-locality: Chile, Arauco, Nahuelbuta. Distr. — Chile. Ref. — Alexander, 1958:195, fig. 5 (male hypopygium).

Subgenus LIMNOPHILA Macquart

The numerous members of the genus in this faunal area do not belong to the restricted subgenus and at the present time are not assigned to any subgeneric group. The species are recorded in species groups that may be found to represent valid subgenera.

Group I

The species show certain features of *Shannonomyia* and may more properly be placed therein.

ARAUCANIA ARAUCANIA Alexander, 1928b:49. Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Chile.

ssp. MACRACANTHA Alexander, 1952b:107. Type-locality: Chile, Malleco, Curacautín. Distr. — Chile.

CANCELLATA Alexander, 1962e:126, fig. 101 (wing). Type-locality: Bolivia, Yungas de Corani. Distr. — Bolivia.

DICTYOPTERA Alexander, 1922a:5. Type-locality: Costa Rica, San José. Distr. — Costa Rica, Panama, Venezuela.

EXPRESSA Alexander, 1937d:605. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

GUTTULATISSIMA Alexander, 1913b:546. Type-locality: Guatemala, Totonicapán. Distr. — Guatemala, Costa Rica, Venezuela.

HOFFMANNIANA Alexander, 1937f:223. Type-locality: Brazil, Santa Catarina, Ibirama, Nova Bremen. Distr. — Brazil.

KERTESZI Alexander, 1914b:212, pl. 9, fig. 10 (wing). Type-locality: Brazil, São Paulo. Distr. — Brazil.

LEUCOSTIGMA Alexander, 1937d:606. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

LITIGIOSA Alexander, 1928f:639. Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Chile.

LLOYDI Alexander, 1913c:205, pl. 5, fig. 9 (wing). Type-locality: Colombia, Cauca, Valle de las Papas. Distr. — Colombia.

MADIDA Alexander, 1928a:113. Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.

NEMORIVAGA Alexander, 1929a:139, figs. 54, 55 (wing), 210 (male hypopygium). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile. Ref. — Alexander, 1953b:19, fig. 17 (male hypopygium).

PROCELLA Alexander, 1944b:169. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.



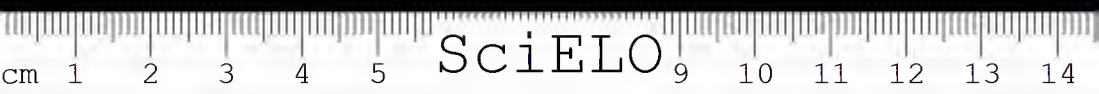
- PULLIPES Alexander, 1937f:225. Type-locality: Brazil, Santa Catarina, Ibirama, Nova Bremen. Distr. — Brazil.
- RORAIMA Alexander, 1931a:13, fig. 7 (wing). Type-locality: Venezuela, Mt. Roraima. Distr. — Venezuela, Brazil.
- RORAIMICOLA Alexander, 1931a:13, fig. 8 (wing). Type-locality: Venezuela, Mt. Roraima. Distr. — Venezuela, Brazil.
- RUBECULA Alexander, 1944b:168. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- SCHADEI Alexander, 1926d:385. Type-locality: Paraguay, Guaira, Villarrica. Distr. — Paraguay.
- THERESIAE Alexander, 1945e:237. Type-locality: Brazil, Rio de Janeiro, Teresópolis, Serra dos Órgãos. Distr. — Brazil.
- UNDULATA Bellardi. 1861:1. Type-locality: "Mexico". Distr. — Mexico.

Group II

- ABSTRUSA Alexander, 1929a:140, figs. 56 (wing), 211 (male hypopygium). Type-locality: Argentina, Rio Negro, Rio Pichileufu. Distr. — Chile, Argentina.
- ANGUSTILINEATA Alexander, 1926d:386. Type-locality: Paraguay, Guaira, Villarrica. Distr. — Paraguay.
- ARMIGERA Alexander, 1945f:20, fig. 10 (wing). Type-locality: Chile, Malleco. Angol. Distr. — Chile.
- COLOPHALLUS Alexander, 1966c:466, figs. 2 (wing), 8 (male hypopygium). Type-locality: Chile, Arauco, Nahuelbuta, Caramavida. Distr. — Chile.
- EUTHETA Alexander, 1935b:102, fig. 4 (wing). Type-locality: Chile, Malleco. Angol. Distr. — Chile.
- HUMIDICOLA Alexander, 1929a:138, figs. 72 (wing), 209 (male hypopygium). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile, Argentina.
- INCULTA Alexander, 1929a:137, figs. 71 (wing), 208 (male hypopygium). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile, Argentina.
- JORDANICA Alexander, 1949b:477, fig. 10 (wing). Type-locality: Brazil, São Paulo, Campos do Jordão, Homem Morto. Distr. — Brazil.
- KAJETURANA Alexander, 1930c:733. Type-locality: Guyana, Kaictour Falls. Distr. — Guyana, Venezuela.
- MELICA Alexander, 1929a:141, fig. 57 (wing). Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Chile, Argentina.
- OTICICAI Alexander, 1948c:517. Type-locality: Brazil, Rio de Janeiro, Teresópolis. Distr. — Brazil.
- PENANA Alexander, 1966c:470, figs. 4 (wing), 9 (male hypopygium). Type-locality: Chile, Arauco, Nahuelbuta, Pillim Pilli. Distr. — Chile.
- SPINULOSA Alexander, 1945n:411. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.

Group III

- FILIFORMIS Alexander, 1929a:95. Type-locality: Chile, Chiloé Is., Butaleura. Distr. — Chile.
- NEMATOCERA Alexander, 1939b:201. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- PERGRACILIS Alexander, 1943b:120. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Cunibunda. Distr. — Ecuador.



Group IV

CHARON Alexander, 1937d:604. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Group V

CTENONYCHA Alexander, 1929a:136, figs. 70 (wing), 207 (male hypopygium). Type-locality: Chile, Llanquihue, Peulla. Distr. — Chile, Argentina. Ref. — Alexander, 1966c:468, fig. 3 (wing).

Genus MESOLIMNOPHILA Alexander

Polymoria Philippi, 1865:608 (preocc. Förster, 1856). Type-species, *lutea* Philippi (Alexander, 1927b:15).

MESOLIMNOPHILA Alexander, 1929a:129 (nom. nov. for *Polymoria* Philippi). Type-species, *Polymoria lutea* Philippi (aut.).

Polypresidia Miller, 1943:72 (unnecessary nom. nov. for *Polymoria* Philippi). Type-species, *Polymoria lutea* Philippi (aut.). Ref. — Alexander, 1948c:512, fig.

HIRSUTIPES Alexander, 1929a:131, figs. 67 (wing), 204 (male hypopygium). Type-locality: Chile, Llanquihue, Peulla. Distr. — Chile.

LUTEA (Philippi), 1865:608, fig. (*Polymoria*). Type-locality: Chile, Valdivia. Distr. — Chile. Refs. — Alexander, 1929a:131; 1948c:517, fig. 5 (wing).

Genus PARADELPHOMYIA Alexander

Adelphomyia, subg. PARADELPHOMYIA Alexander, 1936f:184. Type-species, *crossospila* Alexander (orig. des.).

Subgenus OXYRHIZA Meijere

Oxydiscus Meijere, 1913:350 (preocc. Koken, 1889). Type-species, *nebulosus* Meijere (mon.).

OXYRHIZA Meijere, 1946:68 (as genus; nom. nov. for *Oxydiscus* Meijere). Type-species, *Oxydiscus nebulosus* Meijere (aut.).

AEQUATORIALIS (Alexander), 1944k:605 [*Oxydiscus* (*Oxydiscus*)]. Type-locality: Ecuador, Santiago-Zamora. Zamora. Distr. — Ecuador.

COSTARICENSIS (Alexander), 1922a:6 (*Adelphomyia*). Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica.

DESTITUTA (Alexander), 1945b:56 [*Oxydiscus* (*Oxydiscus*)]. Type-locality: Costa Rica, Talamanca, Pedregoso. Distr. — Costa Rica.

MEXICANA MEXICANA (Alexander), 1940b:158 [*Oxydiscus* (*Oxydiscus*)]. Type-locality: Mexico, Chiapas, Finca Germania. Distr. — Mexico

ssp. ACUTISSIMA (Alexander), 1940b:159 [*Oxydiscus* (*Oxydiscus*)]. Type-locality: Mexico, Chiapas, Finca Victoria. Distr. — Mexico.

MORELOSENSIS (Alexander), 1946c:531 [*Oxydiscus* (*Oxydiscus*)]. Type-locality: Mexico, Morelos, Cuernavaca. Distr. — Mexico.

OAXACENSIS (Alexander), 1946a:124 [*Oxydiscus* (*Oxydiscus*)]. Type-locality: Mexico, Oaxaca, Sierra de Juárez, Yotao. Distr. — Mexico. Ref. — Alexander, 1948a:153, fig. 2 (wing).

VENEZUOLANA Alexander, 1950a:46, figs. 14 (wing), 18 (male hypopygium).
Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.

Genus PARALIMNOPHILA Alexander

- Limnophila*, subg. PARALIMNOPHILA Alexander, 1921g:559. Type-species, *Limnophila leucophaeta* Skuse (orig. des.) (Australasian).
CONSPERSA (Enderlein), 1912:49, fig. D1 (wing) (*Dactylolabis*). Type-locality: Brazil, Santa Catarina. Distr. — Brazil.
DIFFUSOR Alexander, 1968b:87. Type-locality: Chile, Arauco, Nahuelbuta. Distr. — Chile.
INFESTIVA (Alexander), 1929a:155, fig. 79 (wing) [*Gynoplistia* (*Paralimnophila*)]. Type-locality: Chile, Llanquihue, Ensenada. Distr. — Chile.
IRRORATA (Philippi), 1865:608 (*Polymoria*). Type-locality: Chile, Valdivia. Distr. — Chile. Ref. — Alexander, 1929a:157, fig. 81 (wing).
PACHYSPILA (Alexander), 1928f:639 [*Gynoplistia* (*Paralimnophila*)]. Type-locality: Chile, Malleco. Distr. — Chile.
PALLITARSIS (Alexander), 1929a:153, fig. 76 (wing) [*Gynoplistia* (*Paralimnophila*)]. Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile, Argentina.
PERIRRORATA (Alexander), 1928d:218 [*Gynoplistia* (*Paralimnophila*)]. Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Chile.
PERREDUCTA (Alexander), 1938i:278 [*Gynoplistia* (*Paralimnophila*)]. Type-locality: Chile, Arauco, Nahuelbuta. Distr. — Chile.
PIRIONI (Alexander), 1928b:53 [*Gynoplistia* (*Paralimnophila*)]. Type-locality: Chile, Valparaíso, Perales de Marga-Marga. Distr. — Chile. Ref. — Alexander, 1948c:527, fig. 15 (wing).
PLATENSIS (Alexander), 1923b:184 (*Limnophila*). Type-locality: Argentina, La Plata, Palo Blanco. Distr. — Argentina.
RARA (Alexander), 1929a:156, fig. 80 (wing) [*Gynoplistia* (*Paralimnophila*)]. Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile.
STYGIPES (Alexander), 1929a:154 [*Gynoplistia* (*Paralimnophila*)]. Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile.
SUBFUSCATA (Alexander), 1921b:177 (*Limnophila*). Type-locality: Argentina, Buenos Aires. Distr. — Argentina.
TORTILIS Alexander, 1968b:88. Type-locality: Chile, Arauco, Nahuelbuta. Distr. — Chile.

Genus PILARIA Sintenis

- PILARIA Sintenis, 1888:398. Type-species, *Limnobia pilicornis* Zetterstedt (Coquillett, 1910:591). Ref. — Alexander, 1948c:523, fig.
Limnophila, subg. *Eulimnophila* Alexander, 1919b:917. Type-species, *Limnobia tenuipes* Say (Ishida, 1959:8).
RUBELLA Alexander, 1926a:169, fig. 7 (wing). Type-locality: Mexico, Veracruz, Córdoba, Hacienda San Francisco. Distr. — Mexico. Ref. — Alexander, 1948c:524, fig. 10 (wing).
TENUIPES (Say), 1823:21 (1859:46) (*Limnobia*). Type-locality: U.S.A., Pennsylvania. Distr. — Eastern U.S.A., south to northern Mexico.

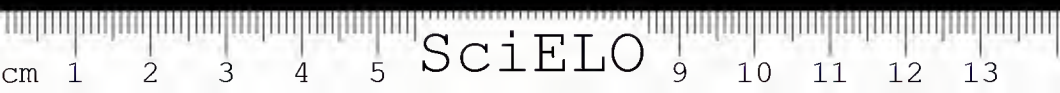


Genus POLYMERA Wiedemann

POLYMERA Wiedemann, 1820:40 (1821:40). Type-species, *Chironomus hirticornis* Fabricius (mon.). Refs. — Alexander, 1948a:182, figs.; Rogers, 1933:1-14, 2 pls. (biology).

Subgenus POLYMERA Wiedemann

- ALBIDITARSIS Alexander, 1953b:16, fig. 10 (wing). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile.
- ALBITARSIS ALBITARSIS Williston, 1896a:296, pl. x, figs. 71, 71A (antenna), 71B (wing). Type-locality: Lesser Antilles: St. Vincent. Distr. — St. Vincent.
- ssp. DOMINICAE Alexander, 1939d:98. Type-locality: Lesser Antilles: Dominica, Sylvania Estate. Distr. — Dominica.
- ALBOGENICULATA Alexander, 1926d:383. Type-locality: Ecuador, Chimborazo, Pallatanga. Distr. — Ecuador.
- ALBOGENUALIS Alexander, 1939b:205. Type-locality: Ecuador, Tungurahua, Río Blanco, near Baños. Distr. — Ecuador.
- ANTICALBA Alexander, 1939c:436, fig. 5 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- ARAWAK Alexander, 1964a:53, fig. 55 (wing). Type-locality: Jamaica, St. Andrew, Hermitage Reservoir. Distr. — Jamaica.
- BRACHYNEURA Alexander, 1962c:125, fig. 100 (wing). Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia.
- BRUCHI Alexander, 1926d:384. Type-locality Argentina, La Plata, Palo Blanco. Distr. — Argentina.
- CAVERNICOLA Alexander, 1964a:54, fig. 56 (wing). Type-locality: Jamaica, St. Catherine, St. Clair Cave. Distr. — Jamaica.
- CHIRIQUENSIS Alexander, 1941c:334. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- CINEREIPENNIS Alexander, 1926d:382. Type-locality: Paraguay, Guaira, Villarrica. Distr. — Paraguay.
- CLAUSA Alexander, 1939b:204. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- CRYSTALLOPTERA Alexander, 1921d:67. Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru.
- FUSCA Wiedemann, 1828:58. Type-locality: "Brazil". Distr. — Brazil. Ref. — Alexander, 1948a:187, fig. 29 (wing).
- FUSCITARSIS Alexander, 1937b:240. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- GENICULATA GENICULATA Alexander, 1915c:106. Type-locality: Puerto Rico, Carolina. Distr. — Puerto Rico. Ref. — Alexander, 1932:367, fig. 10 (wing).
- ssp. PALLIPES Alexander, 1964a:55, fig. 57 (wing). Type-locality: Jamaica, Trelawny, Windsor Cave. Distr. — Jamaica.
- GRISEA Alexander, 1913b:535, fig. 6 (wing). Type-locality: Panama, Canal Zone, Ancon. Distr. — Panama.
- HIRTICORNIS (Fabricius), 1805:39 (*Chironomus*). Type-locality: "South America." Distr. — Guyana, Brazil. Ref. — Alexander, 1913b:532, fig. 3 (wing).
- HONESTA Alexander, 1940b:156. Type-locality: Mexico, Chiapas. Distr. — Mexico.



- INORNATA Alexander, 1913b:534, fig. 5 (wing). Type-locality: Guyana, Tukeit. Distr. — Guyana.
- LEUCOPEZA Alexander, 1940b:155. Type-locality: Mexico, Chiapas, Finca Victoria. Distr. — Mexico.
- MELANOSTERNA Alexander, 1945e:236. Type-locality: Brazil, Rio de Janeiro, Teresópolis, Serra dos Órgãos. Distr. — Brazil.
- MICROSTICTULA Alexander, 1929e:404. Type-locality: Paraguay, Guaira, Villarrica. Distr. — Peru, Brazil, Paraguay.
- MINUTIOR Alexander, 1942e:253. Type-locality: Ecuador, El Oro, Morro Morro, Las Pinas. Distr. — Ecuador.
- MONOSTICTA Alexander, 1948a:187. Type-locality: Peru, Huanuco. Distr. — Peru.
- NEOCLAUSA Alexander, 1967c:373. Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- NIMBIPENNIS Alexander, 1945n:409. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- NIVETARSIS Alexander, 1913b:532, fig. 16 (wing). Type-locality: Panama, Bocas del Toro. Distr. — Guatemala, Panama, Venezuela, Guyana, Surinam, Ecuador, Peru, Brazil. Ref. — Alexander, 1948a:185, fig. 31 (male antenna).
- NODULIFERA Alexander, 1940b:157. Type-locality: Mexico, Chiapas, Finca Vergel. Distr. — Mexico.
- OBSCURA Macquart, 1838a:69(65). Type-locality: "Brazil". Distr. — Mexico, Guyana, Peru, Brazil, Bolivia, Argentina. Refs. — Alexander, 1913b:529, fig. 18 (wing); 1948a:185, fig. 32 (male antenna).
- OMINOSA Alexander, 1938d:333. Type-locality: Colombia, Cundinamarca, Fusagasugá. Distr. — Colombia.
- PLEURALIS Alexander, 1913b:528, fig. 17 (wing). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Brazil.
- PROLIXICORNIS Alexander, 1927c:269. Type-locality: El Salvador, Agronomla, Sonsonata. Distr. — Mexico, El Salvador.
- PULCHRICORNIS Alexander, 1914e:251, pl. 4, fig. 10 (wing). Type-locality: Guyana, Bartica. Distr. — Guyana.
- REGINA Alexander, 1926d:381. Type-locality: Paraguay, Santa Bárbara. Distr. — Brazil, Paraguay.
- SCELEROSA Alexander, 1948a:188. Type-locality: Bolivia, Santa Cruz, Buenavista. Distr. — Bolivia.
- SORDIDIPES Alexander, 1938d:332. Type-locality: Colombia, Cundinamarca, Fusagasugá. Distr. — Colombia.
- STENOPTERA Alexander, 1949c:589. Type-locality: Peru, Loreto, Pucallpa. Distr. — Peru.
- SUBSUPERBA Alexander, 1926d:382. Type-locality: Paraguay, Guaira, Villarrica. Distr. — Venezuela, Bolivia, Paraguay.
- SUPERBA SUPERBA Alexander, 1913b:530, fig. 2 (wing). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Panama, Ecuador, Brazil.
ssp. DISCALIS Alexander, 1929e:405. Type-locality: Paraguay, Caroveni. Distr. — Brazil, Paraguay.
- THORACICA Alexander, 1913b:533, fig. 4 (wing). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Brazil.
- TIBIALIS Alexander, 1922c:50. Type-locality: Brazil, Espírito Santo. Distr. — Brazil.
- UNIPUNCTATA Alexander, 1921b:179. Type-locality: Argentina, Jujuy, Jujuy. Distr. — Argentina.

VERTICILLATA Alexander, 1948a:189, 30 (wing). Type-locality. Brazil, Rio de Janeiro, Nova Friburgo. Distr. — Brazil.

Subgenus POLYMERODES Alexander

Polymera, subg. POLYMERODES Alexander, 1920c:143. Type-species, *parishi* Alexander (orig. des.). Ref. — Alexander, 1948a:185, fig. 27 (wing).

CATHARINAE Alexander, 1931a:111. Type-locality: Brazil, Santa Catarina, Jaraguá. Distr. — Brazil.

CONJUNCTA Alexander, 1913b:529, fig. 7 (wing). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Guyana, Brazil.

CONJUNCTOIDES Alexander, 1920a:74. Type-locality: Brazil, Amazonas, Itacoatiara. Distr. — Venezuela, Ecuador, Peru, Brazil.

EVANESCENS Alexander, 1948a:185, fig. 28 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

LEUCOSTROPHIA Alexander, 1966a:222. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.

MINUTISSIMA Alexander, 1945a:25. Type-locality: Ecuador, Napo-Pastaza, Río Arajuno, Napo Watershed. Distr. — Ecuador.

PARISHI Alexander, 1920c:143. Type-locality: Brazil, Amazonas, Manaus. Distr. — Brazil, Paraguay.

TASIOCEROIDES Alexander, 1948a:186. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus PSEUDOLIMNOPHILA Alexander

Limnophila, subg. PSEUDOLIMNOPHILA Alexander, 1919b:917 (in key). Type-species, *luteipennis* Osten Sacken (Alexander, 1920i:849). Ref. — Alexander, 1948a:181.

LUTEIPENNIS (Osten Sacken), 1859:236 (*Limnophila*). Type-locality: U.S.A., Washington, D. C. Distr. — Nearctic region south to Mexico and Central America.

MEGALOPS Alexander, 1942i:62, figs. 27 (wing), 34 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil. Ref. — Alexander, 1948a:179, fig. 25 (wing).

PLUTO Alexander, 1939b:202. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.

PLUTOIDES Alexander, 1948b:138. Type-locality: Peru, Huanuco, Carpath. Distr. — Peru. Ref. — Alexander, 1948a:179, fig. 26 (wing).

SUPPLEMENTA Alexander, 1945j:22, fig. 5 (wing). Type-locality: Brazil, São Paulo, Ribeirão Pires, Barreira das Camélias. Distr. — Brazil.

Genus SHANNONOMYIA Alexander

SHANNONOMYIA Alexander, 1929a:142. Type-species, *Limnophila lenta* Osten Sacken (orig. des.) (Nearctic).

Ref. — Alexander, 1948c:518, figs. (general discussion).

Subgenus RORAIMOMYIA Alexander

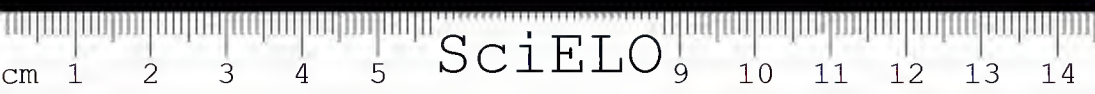
Limnophila, subg. RORAIMOMYIA Alexander, 1935a:323. Type-species, *Limnophila permonstrata* Alexander (orig. des.).



PERMONSTRATA (Alexander), 1935a:323 [*Limnophila* (*Roraimomyia*)]. Type-locality: Venezuela, Summit of Mount Roraima. Distr. — Venezuela. Ref. — Alexander, 1948c:516.

Subgenus SHANNONOMYIA Alexander

- ABORTIVA Alexander, 1966c:471. Type-locality: Argentina, Santa Cruz, Lago Argentino, Calafate. Distr. — Argentina.
- ABRA Alexander, 1949c:590. Type-locality: Peru, Junin, Chanchamayo. Distr. — Peru.
- ADUMBRATA Alexander, 1946b:239, figs. 18 (wing), 25 (male antenna). Type-locality: Mexico, Michoacán, Cerro Tancitaro. Distr. — Mexico.
- AENIGMATICA Alexander, 1929a:144, fig. 73 (wing). Type-locality: Chile, Chiloe, Mechuque Is. Distr. — Chile.
- ANTARCTICA (Walker), 1837:332 (*Gonomyia*?). Type-locality: Chile, Magallanes, Port Famine. Distr. — Chile, Argentina, Straits of Magellan. Ref. — Alexander, 1929a:143, fig. 58 (wing).
- ARAGUAE Alexander, 1947d:48, figs. 3 (wing), 4 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- ARGENTICEPS Alexander, 1929d:780. Type-locality: Ecuador, Ventura. Distr. — Ecuador.
- ATROAPICALIS Alexander, 1934a:65. Type-locality: Panama, Chiriqui, Finca Parada. Distr. — Panama.
- AUSTROLATHRAEA Alexander, 1930e:733. Type-locality: Bolivia, Santa Cruz. Distr. — Ecuador, Bolivia.
- BARILOCHENSIS Alexander, 1929a:147, fig. 59 (wing). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Chile, Argentina.
- BATESI Alexander, 1939d:119, fig. 4 (wing). Type-locality: Hispaniola: Haiti, La Selle Range, La Visite. Distr. — Haiti.
- BOGOTENSIS Alexander, 1938d:331. Type-locality: Colombia, Usme. Distr. — Colombia.
- BREVICULA Alexander, 1931a:113. Type-locality: Cuba, Buenos Aires. Trinidad Mts., Eiba. Distr. — Cuba.
- BREVINERVIS Alexander, 1929a:146, fig. 74 (wing). Type-locality: Chile, Chiloe Is., Ancud. Distr. — Chile.
- BRUNERIANA BRUNERIANA Alexander, 1937e:528, fig. 4 (wing). Type-locality: Cuba, Oriente, Sierra Maestra, Pico Turquino. Distr. — Cuba.
ssp. *FORTICORNIS* Alexander, 1937e:528. Type-locality: Cuba, Oriente, Sierra Maestra, Pico Turquino. Distr. — Cuba.
- BULLOCKIANA (Alexander), 1939f:178 (*Limnophila*). Type-locality: Chile, Malleco, Curacautin, Termas Rio Blanco. Distr. — Chile.
- CACOXENA CACOXENA Alexander, 1929a:148, fig. 60 (wing). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina.
ssp. *MENDICA* Alexander, 1929a:148. Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina.
- CAESIA Alexander, 1937c:492. Type-locality: Brazil, Santa Catarina, Nova Teutonia. Distr. — Brazil.
- CERBEREANA Alexander, 1945o:598. Type-locality: Ecuador, Tungurahua, Rio Blanco near Baños. Distr. — Ecuador.
- CINGARA Alexander, 1948c:520, figs. 8 (wing), 11 (male hypopygium). Type-locality: Peru, Huanuco, Sariatampa. Distr. — Peru.



- CRASSICORNIS Alexander, 1964a:57, figs. 58 (wing), 66 (male hypopygium). Type-locality: Jamaica, St. Andrew, Cinchona. Distr. — Jamaica.
- DAMPFI Alexander, 1939a:76. Type-locality: Mexico, Chiapas, Finca Germania. Distr. — Mexico.
- ERUBESCENS Alexander, 1944m:310. Type-locality: Brazil, Minas Gerais, Alto Caparaó. Distr. — Brazil.
- FERIATA FERIATA (Alexander), 1929a:135, fig. 69 (wing) (*Limnophila*). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile.
- ssp. PAMPHAEA (Alexander), 1929a:136 (*Limnophila*). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile.
- FUSCOSTIGMALIS (Alexander), 1966e:469 (*Limnophila*). Type-locality: Chile, Chiloé Is., Aucar. Distr. — Chile.
- GLOBULICORNIS Alexander, 1968a:25, fig. 5 (antenna), 9 (male hypopygium). Type-locality: Chile, Las Brizas. Distr. — Chile.
- GRACILIOR Alexander, 1944m:311. Type-locality: Brazil, Minas Gerais, Alto Caparaó. Distr. — Brazil.
- HAITENSIS Alexander, 1939d:120, fig. 5 (wing). Type-locality: Hispaniola: Haiti, La Selle Range, La Visite. Distr. — Haiti.
- HALTERATA Alexander, 1966e:472, fig. 10 (male hypopygium). Type-locality: Chile, Tierra del Fuego, Port Williams, Navarino Is., Beagle Canal. Distr. — Chile.
- HOFFMANI Alexander, 1936b:877, fig. 1 (wing). Type-locality: Puerto Rico, Luquillo National Forest. Distr. — Puerto Rico.
- IGNAVA Alexander, 1943g:533. Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- JAFFUELI Alexander, 1928d:217. Type-locality: Chile, Valparaíso, Margamarga. Distr. — Chile.
- JUSTA Alexander, 1937c:493. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- KUSCHELI Alexander, 1952c:57, fig. 26 (male hypopygium). Type-locality: Chile, Juan Fernández, Masafuera, Inocentes Bajos. Distr. — Chile.
- LATHRAEA (Alexander), 1926d:386 (*Pilaria*). Type-locality: Colombia, San Lorenzo Mt., Cincinnati. Distr. — Colombia, Venezuela.
- LENITATIS Alexander, 1946a:125. Type-locality: Mexico, Chiapas, Sierra Madre. Distr. — Mexico.
- LENTINA Alexander, 1928a:112. Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.
- LENTOIDES (Alexander), 1913b:545, fig. 21 (wing) (*Limnophila*). Type-locality: Guatemala, Totonicapán. Distr. — Guatemala.
- LEONARDI Alexander, 1932:368, fig. 11 (wing). Type-locality: Puerto Rico, Luquillo National Forest, El Yunque. Distr. — Puerto Rico.
- LONGIRADIALIS Alexander, 1929b:96. Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile. Ref. — Alexander, 1948c:520, fig. 12 (male hypopygium).
- MASATIERRAE Alexander, 1952c:58. Type-locality: Chile, Juan Fernández, Miradero de Selkirk. Distr. — Chile.
- MESOPHIRAGMA Alexander, 1928b:52. Type-locality: Cuba, Jarahueca. Distr. — Cuba.
- MESOPHIRAGMOIDES Alexander, 1937e:527, fig. 3 (wing). Type-locality: Cuba, Oriente, Sierra Maestra, Pico Turquino. Distr. — Cuba.
- MINUTIPENNIS Alexander, 1929a:145. Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina.



- MOCTEZUMA Alexander, 1928a:111. Type-locality: Mexico, Mexico, D.F., Desierto de los Leoncs. Distr. — Mexico.
- MYERSIANA Alexander, 1931a:112. Type-locality: Jamaica, Blue Mts. Distr. — Jamaica. Ref. — Alexander, 1964a:58, fig. 59 (wing).
- NACREA (Alexander), 1913b:544, fig. 19 (wing) (*Limnophila*). Type-locality: Jamaica, St. Andrew, Cinchona. Distr. — Jamaica. Ref. — Alexander, 1964a:58.
- NUDIPENNIS Alexander, 1964a:59, fig. 60 (wing). Type-locality: Jamaica, St. Andrew, Newcastle. Distr. — Jamaica.
- OLSSONI (Alexander), 1919a:144, fig. 12 (wing) (*Gnophomyia*). Type-locality: Panama, Bocas del Toro, Río Cana. Distr. — Panama.
- OROPHILA (Alexander), 1913c:205 (*Limnophila*). Type-locality: Colombia, Cauca, Almaguer. Distr. — Colombia.
- OVALIFORMIS Alexander, 1946b:240, figs. 19 (wing), 26 (antenna). Type-locality: Mexico, Michoacán, Cerro Tancitaro. Distr. — Mexico.
- PARAGUAYENSIS Alexander, 1929d:780. Type-locality: Paraguay, Guaira, Villarrica. Distr. — Paraguay.
- PARVICELLULA Alexander, 1968c:214. Type-locality: Puerto Rico, Luquillo National Forest. Distr. — Puerto Rico.
- PENUMBROSA Alexander, 1939f:180. Type-locality: Chile, Malleco, Curacautín, Termas Río Blanco. Distr. — Chile.
- PHAEOSTIGMOSA Alexander, 1943g:532. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- PHRAGMOPHORA Alexander, 1937e:525, fig. 2 (wing). Type-locality: Cuba, Oriente, Sierra Macstra, Pico Turquino. Distr. — Cuba.
- POMERANTZI Alexander, 1964a:61, figs. 61 (wing), 67 (male hypopygium). Type-locality: Jamaica, St. Andrew, Cinchona. Distr. — Jamaica.
- PROTUBERANS Alexander, 1946a:124. Type-locality: Mexico, Morclos, Lagunas de Zempole. Distr. — Mexico.
- PROVIDENS Alexander, 1950a:47, figs. 19 (wing), 25 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- RORAIMENSIS Alexander, 1935a:324. Type-locality: Venezuela, Mount Roraima. Distr. — Venezuela, Brazil.
- SCARAMUZZAI Alexander, 1937a:183, fig. 2 (wing). Type-locality: Cuba, Oriente, Sierra del Cobre, Loma del Gato. Distr. — Cuba.
- SECLUSA (Alexander), 1928f:638 (*Limnophila*). Type-locality: Chile, Malleco, Pailahueque. Distr. — Chile.
- SELKIRKIANA Alexander, 1952c:58, figs. 22 (wing), 27 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra, Bahía Cumberland. Distr. — Chile.
- SEPTEMPUNCTATA Alexander, 1939d:121, fig. 6 (wing). Type-locality: Hispaniola: Dominican Republic, Valle Nuevo, southeast of Constanza. Distr. — Dominican Republic.
- SOPORA Alexander, 1944b:171. Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru, Bolivia.
- SPARSIPUNCTATA Alexander, 1940d:221. Type-locality: Ecuador, Napo-Pastaza, Río Pastaza, San Francisco. Distr. — Ecuador.
- SPARSISSIMA (Alexander), 1929a:134, fig. 68 (wing) (*Limnophila*). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile.
- STIGMATICA (Philippi), 1865:610 (*Limnophila*). Type-locality: Chile, Valdivia. Distr. — Chile.

- TRIANGULARIS (Alexander), 1927e:270 (*Pilaria*). Type-locality: Puerto Rico, Luquillo National Forest. Distr. — Puerto Rico. Ref. — Alexander, 1932:369.
- TUBER (Alexander), 1953b:17, figs. 11 (male hypopygium), 14 (wing) (*Limnophila*). Type-locality: Chile, Chiloé Is., Chepu. Distr. — Chile.
- UMBRA Alexander, 1948e:522, figs. 9 (wing), 13 (male hypopygium). Type-locality: Peru, Huanuco, Carpath. Distr. — Peru.
- VOCATOR Alexander, 1944k:604. Type-locality: Ecuador, Bolívar, Haeienda Talahua. Distr. — Ecuador.
- ZERNYANA Alexander, 1949b:479, figs. 11 (wing), 14 (male hypopygium). Type-locality: Brazil, São Paulo, Alto da Serra (= Paranapiacaba). Distr. — Brazil.

Unplaced Hexatomini

- CHILENSIS Blanchard, 1852:339 (*Limnophila*). Type-locality: Chile, Coquimbo, La Serena.
- CINERACEA Philippi, 1865:611 (*Limnophila*). Type-locality: Chile, Santiago. Ref. — Alexander, 1913b:546.
- CINEREA Philippi, 1865:609 (*Polymoria*). Type-locality: Chile, Valdivia.
- DECASILA Wiedemann, 1828:549 (*Limnobia*). Type-locality: "Brazil".
- FLAVICAUDA Bigot, 1888:10, pl. 2, fig. 4 (wing) (*Poecilostola*). Type-locality: Chile, Tierra del Fuego.
- INSULARIS Johnson, 1913:443, fig. 2 (*Limnophila*). Type-locality: "Bermuda". (Perhaps in *Pilaria*, as suggested by Johnson).
- PALLENS Philippi, 1865:610 (*Limnophila*). Type-locality: Chile, Valdivia. Identity uncertain; may belong to the present genus or possibly to *Aphrophila* Edwards.
- TENELLA Philippi, 1865:609 (*Polymoria*). Type-locality: Chile, Valdivia.
- VENOSA Philippi, 1865:611 (*Limnophila*). Type-locality: unknown (Chile).
- VERECUNDA Philippi, 1865:611 (*Limnophila*). Type-locality: unknown (Chile).

Tribe ERIOPTERINI

Genus AMPHINEURUS Skuse

- AMPHINEURUS Skuse, 1890a:800. Type-species, *umbraticus* Skuse (Alexander, 1920g:52) (Australasian). Ref. — Alexander, 1947e:337.

Subgenus AMPHINEURUS Skuse

- CASTROENSIS Alexander, 1929a:190, fig. 105 (wing). Type-locality: Chile, Chiloé Is., Castro. Distr. — Chile.
- EXTRAORDINARIUS Alexander, 1938i:280. Type-locality: Chile, Pinares de Lonquimai, Villa Portales. Distr. — Chile. Ref. — Alexander, 1947e:329, fig. 18 (wing).
- LONGIPES (Philippi), 1865:616 (*Erioptera*?). Type-locality: Chile, Valdivia. Distr. — Chile. Identity uncertain.

Subgenus RHAMPHONEURUS Alexander

- Amphineurus*, subg. RHAMPHONEURUS Alexander, 1929a:186. Type-species, *nothofagetorum* Alexander (orig. des.).

- APICULATUS Alexander, 1968a:29, fig. 15 (male hypopygium). Type-locality: Chile, Chaihuin. Distr. — Chile.
- FUSCIFUSUS Alexander, 1929a:190. Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile.
- GLABRISTYLATUS Alexander, 1929a:188, fig. 224 (male hypopygium). Type-locality: Chile, Meehuque Is. Distr. — Chile, Argentina.
- INSANUS Alexander, 1952b:111, fig. 9 (male hypopygium). Type-locality: Chile, Malleco, Río Blanco. Distr. — Chile.
- NONNULUS Alexander, 1966c:491. Type-locality: Chile, Chiloé Is., Aucar. Distr. — Chile. Ref. — Alexander, 1968a, fig. 17 (male hypopygium).
- NOTHOFAGETORUM Alexander, 1929a:187, figs. 90 (wing), 223 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile, Argentina.
- NULLUS Alexander, 1966c:492. Type-locality: Chile, Chiloé Is., Aulen-Dukateo. Distr. — Chile. Ref. — Alexander, 1968a, figs. 11 (wing), 16 (male hypopygium).
- RUTRISTYLUS Alexander, 1968a:30, fig. 18 (male hypopygium). Type-locality: Chile, Valdivia, Enco. Distr. — Chile.
- SANUS Alexander, 1929a:189, fig. 225 (male hypopygium). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile.

Genus APHROPHILA Edwards

- Gnophomyia*, subg. APHROPHILA Edwards, 1923:297. Type-species, *neozelandica* Edwards (orig. des.) (Australasian: New Zealand). Ref. — Alexander, 1947b:99.
- ANTENNATA Alexander, 1953g:16, figs. 3 (wing), 11 (male hypopygium). Type-locality: Chile, Chiloé Is., Aucar. Distr. — Chile.
- AURANTIACA Alexander, 1944i:131, fig. 8 (ovipositor). Type-locality: Chile, Aysén. Distr. — Chile.
- BIDENTATA Alexander, 1968a:27, figs. 10 (wing), 14 (male hypopygium). Type-locality: Argentina, Neuquen, Lago Nonthué. Distr. — Argentina.
- CARBONARIA Alexander, 1931a:115. Type-locality: Chile, Malleco, Angol. Distr. — Chile. Ref. — Alexander, 1947b:99, fig. 30 (wing).
- CHILENA Alexander, 1928f:640. Type-locality: Chile, Bio-Bio. Distr. — Chile. Ref. — Alexander, 1944i:135, fig. 11 (ovipositor).
- CORONATA Alexander, 1944i:132, fig. 7 (male hypopygium). Type-locality: Chile, Aysén. Distr. — Chile.
- MULTIDENTATA Alexander, 1931a:116. Type-locality: Chile, Malleco, Angol. Distr. — Chile. Ref. — Alexander, 1944i:134, fig. 10 (ovipositor).
- SUBTERMINALIS Alexander, 1966c:489, figs. 12 (wing), 16 (male hypopygium). Type-locality: Chile, Arauco, Nahuelbuta, Chacay. Distr. — Chile.
- VIRIDINERVIS Alexander, 1934d:177, fig. 42 (wing). Type-locality: "Chile". Distr. — Chile. Refs. — Alexander, 1944i:134, fig. 9 (ovipositor); 1953g:17, fig. 12 (male hypopygium).

Genus AYMARAMYIA Alexander

- AYMARAMYIA Alexander, 1943a:236. Type-species, *dubia* Alexander (orig. des.). Ref. — Alexander, 1947b:80, fig. 13 (wing).



DUBIA Alexander, 1943a:237, figs. 3 (wing), 4 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru. Ref. — Alexander, 1947b:81, fig. 13 (wing).

Genus BAEOURA Alexander

Erioptera, subg. BAEOURA Alexander, 1924d:67. Type-species, *nigrolatera* Alexander (orig. des.) (Ethiopian). Refs. Alexander, 1929a:191; 1947e:322.

ADVENA (Alexander), 1928c:180 [*Cryptolabis* (*Baeoura*)]. Type-locality: Chile, Valparaíso, Perales de Marga-Marga. Distr. — Chile. Ref. — Alexander, 1947e:323, figs. 3 (wing), 7 (male hypopygium).

Genus CHEILOTRICHIA Rossi

CHEILOTRICHIA Rossi. 1848:12. Type-species, *Erioptera imbuta* Meigen (mon.) (Palaeartie).

Subgenus EMPEDA Osten Sacken

EMPEDA Osten Sacken, 1869:153 (as genus). Type-species, *stigmatiea* Osten Sacken (Coquillett, 1910:537) (Nearctic). Ref. — Alexander, 1947e:335.

ABITAGUAI (Alexander), 1941d:131, fig. 15 (male hypopygium) [*Erioptera* (*Empeda*)]. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Venezuela, Ecuador.

ALTICOLA (Alexander), 1925a:353, fig. 22 (male hypopygium) [*Erioptera* (*Empeda*)]. Type-locality: Mexico, Mt. Tlaloc. Distr. — Mexico.

AUSTRONYMPHICA (Alexander), 1943a:241 [*Erioptera* (*Empeda*)]. Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru, Bolivia. Ref. — Alexander, 1947e:329, fig. 17 (wing).

BASALIS (Alexander), 1921e:293 [*Rhabdomastix* (*Sacandaga*)]. Type-locality: Argentina, Catamarca, Punta de Balasto. Distr. — Argentina.

BOLIVIANA (Alexander), 1930e:739 [*Erioptera* (*Empeda*)]. Type-locality: Bolivia, Santa Cruz. Distr. — Bolivia.

EOANGUSTATA (Alexander), 1944k:615 [*Erioptera* (*Empeda*)]. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.

COMPLICATA (Alexander), 1922b:209 [*Rhabdomastix* (*Sacandaga*)]. Type-locality: Argentina, Catamarca, Masao. Distr. — Argentina.

CURTA (Alexander), 1925a:354, figs. 11 (wing), 23 (male hypopygium) [*Erioptera* (*Empeda*)]. Type-locality: Mexico, Chapingo. Distr. — Mexico.

DELUDENS (Alexander), 1939a:87 [*Erioptera* (*Empeda*)]. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico.

DESTITUTA (Alexander), 1942c:443 [*Erioptera* (*Empeda*)]. Type-locality: Peru, Junín, Tarma, Carpapata. Distr. — Peru.

DIVARICATA (Alexander), 1939a:86 [*Erioptera* (*Empeda*)]. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico.

INSTRENUA (Alexander), 1942e:444, fig. 12 (male hypopygium) [*Erioptera* (*Empeda*)]. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.

LONGIFURCATA (Alexander), 1940a:293 [*Erioptera* (*Empeda*)]. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador.



- LONGISQUAMA (Alexander), 1937f:226 [*Erioptera (Empeda)*]. Type-locality: Brazil, Santa Catarina, Ibirama, Nova Bremen. Distr. — Brazil.
- MAYANYMPHICA (Alexander), 1946b:243, fig. 24 (male hypopygium) [*Erioptera (Empeda)*]. Type-locality: Mexico, Chiapas, Finca Germania. Distr. — Mexico.
- NIGROLINEATA (Enderlein), 1912:56, fig. H¹ (venation) (*Empeda*). Type-locality: "Costa Rica". Distr. — Mexico, Guatemala, Costa Rica. Ref. — Alexander, 1913b:520.
- NYMPHICA (Alexander), 1928g:24 [*Erioptera (Empeda)*]. Type-locality: Jamaica, Cinchona. Distr. — Jamaica. Ref. — Alexander, 1964a:81, figs. 89 (wing), 93 (male hypopygium).
- OCHRICAUDA (Alexander), 1925a:352, fig. 21 (male hypopygium) [*Erioptera (Empeda)*]. Type-locality: Mexico, Mt. Tlaloc. Distr. — Mexico. Ref. — Alexander, 1947c:329, fig. 16 (wing).
- ORESITROPHA (Alexander), 1927d:310 [*Erioptera (Empeda)*]. Type-locality: Mexico, north of San Cristóbal, summit of the Zontehuitz. Distr. — Mexico.
- PERCUPIDA (Alexander), 1941e:255 [*Erioptera (Empeda)*]. Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru, Bolivia.
- PUBESCENS (Alexander), 1913b:520 [*Erioptera (Empeda)*; as *nigrolineata* var.] Type-locality: Guatemala, Totonicapán. Distr. — Guatemala.
- STYGIA (Alexander), 1927d:309 [*Erioptera (Empeda)*]. Type-locality: Mexico, Chiapas, Santa Isabel. Distr. — Mexico, Costa Rica, Peru.
- SUTRINA (Alexander), 1941g:354 (also 1946h:102) [*Erioptera (Empeda)*]. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- TRIDENTATA (Alexander), 1925a:355, fig. 24 (male hypopygium) [*Erioptera (Empeda)*]. Type-locality: Mexico, Mexico, D.F., Desierto de los Leones. Distr. — Mexico.
- UNIDENTATA (Alexander), 1925a:355, fig. 25 (male hypopygium) [*Erioptera (Empeda)*]. Type-locality: Mexico, Mexico, D.F., Desierto de los Leones. Distr. — Mexico.

Genus CRYPTOLABIS Osten Sacken

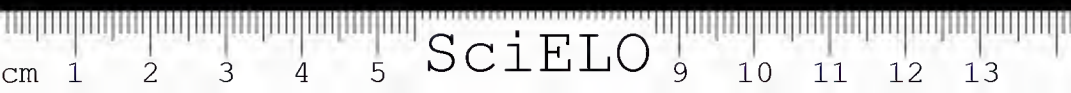
- CRYPTOLABIS Osten Sacken, 1859:224. Type-species, *paradoxa* Osten Sacken (mon.) (Nearctic). Ref. — Alexander, 1947b:322, figs.

Subgenus CRYPTOLABIS Osten Sacken

- ALTICOLA Alexander, 1944a:56. Type-locality: Ecuador, Bolívar, Hacienda Talahua. Distr. — Ecuador. Ref. — Alexander, 1947c:323, fig. 6 (wing).
- ATMOPHORA Alexander, 1929a:192, figs. 107 (wing), 227 (male hypopygium). Type-locality: Chile, Llanquihue, Peulla. Distr. — Chile.
- CHILOTA Alexander, 1929a:194, fig. 228 (male hypopygium). Type-locality: Chile, Mechuque Is. Distr. — Chile.
- CORTESI Alexander, 1952b:110, figs. 6 (wing), 8 (male hypopygium). Type-locality: Chile, Chiloé Is., Aucar. Distr. — Chile.
- DIVERSIPES Alexander, 1939c:631, figs. 5 (wing), 14 (male hypopygium). Type-locality: Costa Rica, Talamanca, Rivas. Distr. — Costa Rica.
- ECALCARATA Alexander, 1947c:326, figs. 5 (wing), 8 (male hypopygium). Type-locality: Costa Rica, San Mateo, Higuito. Distr. — Costa Rica.



- FUSCOVENOSA Alexander, 1928a:118. Type-locality: Mexico, Sonora, Río Mayo near Navojoa. Distr. — Mexico.
- HILARIS Alexander, 1945d:278. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru. Ref. — Alexander, 1945L:379, fig. 21 (wing).
- INVARIPES Alexander, 1939e:634, fig. 7 (wing). Type-locality: Costa Rica, Talamanca, Pedregoso. Distr. — Costa Rica.
- JOVIALIS Alexander, 1945d:279. Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- JUBILATA Alexander, 1943h:497, figs. 12 (wing), 16 (male hypopygium). Type-locality: Ecuador, El Oro, Morro Morro, Las Pinas. Distr. — Ecuador.
- LADDEYI Alexander, 1943h:500, figs. 14 (wing), 18 (male hypopygium). Type-locality: Ecuador, El Oro, Morro Morro, Las Pinas. Distr. — Ecuador.
- LATICOSTATA Alexander, 1940a:296. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- LONGIRADIALIS Alexander, 1939a:89. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico.
- LUTEICEPS Alexander, 1927d:315. Type-locality: Mexico, Tonalá. Distr. — Mexico.
- LUTEICOSTA Alexander, 1934a:71. Type-locality: Panama, Chiriquí, Finca Parada. Distr. — Panama.
- LUTEOLA Alexander, 1946a:137. Type-locality: Mexico, Chiapas, Huehuetán. Distr. — Mexico.
- MOLOPHILOIDES Alexander, 1943i:763. Type-locality: U.S.A., Wyoming, Yellowstone National Park. Distr. — U.S.A., south to Mexico.
- MENACANTHA Alexander, 1943h:498, figs. 13 (wing), 17 (male hypopygium). Type-locality: Ecuador, El Oro, Morro Morro, Las Pinas. Distr. — Ecuador.
- NEBULICINCTA Alexander, 1941b:147. Type-locality: Venezuela, Carabobo, San Esteban. Distr. — Venezuela.
- PARRAI Alexander, 1946a:138. Type-locality: Mexico, Chiapas, San Antonio Nexapa. Distr. — Mexico.
- PENDULIFERA Alexander, 1949c:613, fig. 38 (male hypopygium). Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- PERDISTANS Alexander, 1967e:376. Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- PHALLOSTENA Alexander, 1968b:94. Type-locality: Chile, Arauco, Nahuelbuta. Distr. — Chile.
- RECURVATA Alexander, 1942e:260. Type-locality: Ecuador, Manabí, Palmar. Distr. — Ecuador.
- ROUNDSI Alexander, 1939e:630, figs. 4 (wing), 13 (male hypopygium). Type-locality: Costa Rica, Talamanca, Rivas. Distr. — Costa Rica.
- SEHADEI Alexander, 1935a:330. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- SEMIFLAVA Alexander, 1949c:614, fig. 39 (male hypopygium). Type-locality: Peru, Huanuco, Fundo Sinchono. Distr. — Peru.
- SEPULCHRALIS Alexander, 1922c:40. Type-locality: Paraguay, San Bernardino. Distr. — Paraguay.
- SORDIPES Alexander, 1943h:501, figs. 15 (wing), 19 (male hypopygium). Type-locality: Ecuador, El Oro, Morro Morro, Las Pinas. Distr. — Ecuador.



- SPATULATA Alexander, 1929a:193, fig. 230 (male hypopygium). Type-locality: Argentina, Rio Negro, Lake Gutiérrez. Distr. — Argentina, Chile.
- TACITURNA Alexander, 1945e:240, fig. 5 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- TENUICINCTA Alexander, 1921d:73. Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru.
- TRAVASSOSI Alexander, 1945c:275, fig. 22 (male hypopygium). Type-locality: Brazil, São Paulo, São Paulo, Serra da Cantareira. Distr. — Brazil.
- TRIDENTICULATA Alexander, 1967c:376. Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- TROPICALIS Alexander, 1913b:509, fig. 8 (wing). Type-locality: Guatemala, Alta Verapaz, Cacao Trece Aguas. Distr. — Guatemala.
- UMBROSA Alexander, 1938f:258. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- VALLICOLA Alexander, 1947c:327, fig. 9 (male genitalia). Type-locality: Panama, El Valle. Distr. — Panama.
- VARIPES Alexander, 1939e:632, figs. 6 (wing), 15 (male hypopygium). Type-locality: Costa Rica, Talamanca, Rivas. Distr. — Costa Rica.

Subgenus PROCRYPTOLABIS Alexander

- Cryptolabis*, subg. PROCRYPTOLABIS Alexander, 1923b:183. Type-species, *argentinensis* Alexander (orig. des.).
- ARGENTINENSIS Alexander, 1923b:184. Type-locality: Argentina, Córdoba, La Granja, Alta Gracia. Distr. — Argentina.
- BARILOCHENSIS Alexander, 1929a:192, figs. 106 (wing), 226 (male hypopygium). Type-locality: Argentina, Rio Negro, Bariloche, Rio Nirico. Distr. — Argentina. Ref. — Alexander, 1947c:323, fig. 4 (wing).

Genus EMPEDOMORPHA Alexander

- EMPEDOMORPHA Alexander, 1916d:507. Type-species, *Trimicra empedoides* Alexander (orig. des.) (Nearctic).
- APACHEANA (Alexander), 1946a:135 [*Erioptera (Empedomorpha)*]. Type-locality: Mexico, Nuevo León, Granja Rodríguez. Distr. — Mexico. Refs. — Alexander, 1946e:529, fig. 26 (male hypopygium); 1947c:329, fig. 14 (wing).

Genus ERIOPTERA Meigen

- Polymeda* Meigen, 1800:14. Type-species, *Erioptera lutea* Meigen (Coquillett, 1910:593). Suppressed by I.C.Z.N., 1963:339.
- ERIOPTERA Meigen, 1803:262. Type-species, *lutea* Meigen (Coquillett, 1910:540). [See note in Alexander, 1965d:80].

Subgenus ERIOPTERA Meigen

- ANDINA Alexander, 1913c:200, pl. 5, fig. 5 (wing), pl. 6, fig. 6 (male hypopygium). Type-locality: Colombia, Cauca, Valle de las Papas. Distr. — Colombia. Ref. — Alexander, 1947c:329, fig. 10 (wing).
- ANNULIPES Williston, 1896a:294. Type-locality: Lesser Antilles: St. Vincent. Distr. — Guatemala, Colombia, Peru, Brazil, Paraguay, St. Vincent. Ref. — Alexander, 1913b:513.



- APICIALEA Alexander, 1921d:70. Type-locality: Brazil, Amazonas, Tefé. Distr. — Guyana, Brazil. Ref. — Alexander, 1934b:305.
- BEEBEANA Alexander, 1950a:54, figs. 32 (wing), 37 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grandc. Distr. — Venezuela.
- CELESTIS Alexander, 1940a:294. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Venezuela, Ecuador.
- CLADOPHORA Alexander, 1920c:142. Type-locality: Brazil, Amazonas, Manaus. Distr. — Brazil, Argentina.
- CLADOPHOROIDES Alexander, 1921c:162. Type-locality: Argentina, La Plata. Distr. — Argentina. Ref. — Bruch, 1929a:20-24, pl. 6, fig. 22 (adult male), pl. 11, figs. 45-55 (immature stages).
- DAMPFI Alexander, 1927d:311. Type-locality: Mexico, near summit of the Zontehuitz. Distr. — Mexico.
- LAETIPLEURA Alexander, 1938e:406. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico.
- LUNIGERA Alexander, 1929a:195, figs. 91 (wing), 231 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Chile.
- MICROMYIA Alexander, 1920b:8. Type-locality: Brazil, Pará, Prata. Distr. — Peru, Brazil. Ref. — Alexander, 1921d:69, fig. 8 (male hypopygium).
- MULTIANNULATA Alexander, 1937c:499. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil, Bolivia. Ref. — Alexander, 1962c:154, fig. 135 (wing).
- POLYDONTA Alexander, 1944b:179, fig. 11 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- POLYTRICHA Alexander, 1945a:35. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- QUADRICINCTA Alexander, 1927d:310. Type-locality: Mexico, Chiapas, Santa Isabel. Distr. — Mexico, Guatemala.
- QUINQUECINCTA Alexander, 1927c:278. Type-locality: Colombia, Caldas. Distr. — Colombia.
- SUSURRA Alexander, 1945i:258. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- URANIA Alexander, 1944k:614. Type-locality: Ecuador, Santiago-Zamora. Zamora. Distr. — Ecuador, Bolivia.

Subgenus ERIOPTERELLA Alexander

- Erioptera*, subg. ERIOPTERELLA Alexander, 1929a:196. Type-species, *jaffueli* Alexander (orig. des.).
- BREVISETA (Alexander), 1968b:89 (*Neophilippiana*). Type-locality: Chile, Arauco, Nahuelbuta. Distr. — Chile.
- JAFFUELI Alexander, 1929a:196, figs. 92 (wing), 232 (male hypopygium). Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Chile. Ref. — Alexander, 1947c:329, fig. 15 (wing).
- PILOSIFES (Alexander), 1929a:177, pl. 5, fig. 98 (wing) (?*Philippiana*). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Chile.

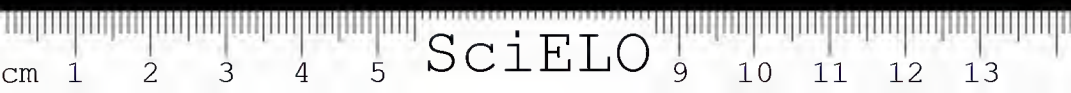
Subgenus MESOCYPHONA Osten Sacken

- Erioptera*, subg. MESOCYPHONA Osten Sacken, 1869:152. Type-species, *caloptera* Say (Brunetti, 1912:458, as *caloptera*, error).



- AGLAIA Alexander, 1945j:30, fig. 12 (wing) [*Erioptera (Erioptera)*]. Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- APICINIGRA Alexander, 1927d:313. Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.
- BICINCTIPES Alexander, 1913b:519. Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Guyana, Peru, Brazil.
- BIEVEXA Alexander, 1967c:377. Type-locality: Nicaragua, Guapinolar. Distr. — Nicaragua.
- CALIPTERA CALIPTERA (Say), 1823:17 (1859:44). Type-locality: U.S.A., Missouri. Distr. — Antilles and southward, Bolivia, Puerto Rico; Nearctic. Refs. — Alexander, 1919b:908, fig. 77 (wing); 1932:376; 1942k:457, fig. 52 I (male hypopygium).
- ssp. FEMORANIGRA Alexander, 1913b:518. Type-locality: Costa Rica, Cartago, Juan Vinas. Distr. — Costa Rica.
- ssp. SUBEVANESCENS Alexander, 1940a:296. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- CELESTIOR Alexander, 1956b:121. Type-locality: Panama, Chiriqui, Cerro Punta. Distr. — Panama.
- COSTALIS COSTALIS Alexander, 1913b:517, fig. 24 (wing). Type-locality: Guatemala, Aguna. Distr. — Mexico, Guatemala, Cuba.
- ssp. TANTILLA Alexander. 1916d:502. Type-locality: Southeastern U.S.A. Distr. — U.S.A., Jamaica. Ref. — Alexander, 1964a:82, fig. 91 (venation).
- CYNTHIA Alexander, 1945o:608. Type-locality: Ecuador, El Oro, Morro Morro, Pinas. Distr. — Ecuador.
- DIFFUSA Alexander. 1921d:71. Type-locality: Brazil, Amazonas, Tefé. Distr. — Brazil.
- EISENI Alexander. 1913b:516, fig. 26 (wing). Type-locality: Guatemala, Aguna. Distr. — Southwestern U.S.A. to Guatemala, Colombia, Peru.
- EUPHROSINE Alexander, 1945j:32, fig. 15 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- FACTIOSA Alexander, 1943i:762, fig. 13 (male hypopygium). Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Ecuador, Peru.
- FUSCODISCALIS Alexander, 1938e:407. Type-locality: Mexico, Chiapas, Finca Germania. Distr. — Mexico. Ref. — Alexander, 1947c:329, fig. 2 (wing).
- GULOSA Alexander, 1943i:763, fig. 14 (male hypopygium). Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- HISTRIO Alexander, 1945i:260. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Ecuador, Peru.
- IMMACULATA IMMACULATA Alexander, 1913b:518, fig. 20 (wing). Type-locality: Nicaragua, Bluefield. Distr. — Mexico, Guatemala, Nicaragua, Guyana.
- ssp. FUSCIVENA Alexander, 1923c:311. Type-locality: Argentina, Córdoba, Alta Gracia, La Granja. Distr. — Brazil, Paraguay, Argentina.
- INORNATIPES Alexander, 1925a:351, fig. 10 (wing). Type-locality: Mexico, Peñon Viejo. Distr. — Mexico.
- INTERCEPTA Alexander, 1947a:181. Type-locality: Surinam, Paramaribo. Distr. — Surinam.
- INVARIEGATA Alexander, 1921d:71. Type-locality: Peru, Loreto, Yurimaguas. Distr. — Ecuador, Peru.

- IQUITOSENSIS Alexander, 1945o:606. Type-locality: Peru, Loreto, Iquitos. Distr. — Peru.
- KNABI Alexander, 1913b:515, fig. 25 (wing). Type-locality: Mexico, Oaxaca, Salina Cruz. Distr. — U.S.A., south to Mexico.
- LEONENSIS Alexander, 1946a:136. Type-locality: Mexico, Neuvo León, Montemorelos. Distr. — Mexico.
- LEUCOPASTA Alexander, 1927d:313. Type-locality: Mexico, Chiapas, Santa Isabel. Distr. — Mexico.
- MODICA Alexander, 1927d:314. Type-locality: Mexico, Chiapas, Santa Lucia. Distr. — Mexico.
- PACHYRHAMPHA Alexander, 1967c:378. Type-locality: Nicaragua, Villa So-moza. Distr. — Nicaragua.
- PARVA PARVA Osten Sacken, 1859:227 (*Erioptera*). Type-locality: U.S.A., District of Columbia. Distr. — Costa Rica, Guyana, Ecuador; Nearectic.
- ssp. BRASILIENSIS Alexander, 1913b:514, fig. 27 (wing). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Peru, Brazil, Bolivia.
- PORTORICENSIS Alexander, 1932:377, fig. 18 (wing). Type-locality: Puerto Rico, Luquillo National Forest, El Yunque. Distr. — Jamaica, Puerto Rico. Ref. — Alexander, 1964a:83, figs. 90 (wing), 94, 95 (male hypopygium).
- QUADRIFURCATA Alexander, 1928a:117. Type-locality: Mexico, Chiapas, Rancho Sabino Pérez. Distr. — Mexico, El Salvador, Venezuela, Ecuador. Ref. — Alexander, 1947e:73, fig. 14 (male hypopygium).
- SATURATA Alexander, 1927d:312. Type-locality: Mexico, Chiapas, San Cris-tóbal. Distr. — Mexico.
- SCABRIFOLIA Alexander, 1967e:379. Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- SPLENDIDA Alexander, 1913b:514, fig. 28 (wing). Type-locality: Guatemala, Totonicapán. Distr. — Mexico, Guatemala.
- SUBCYNTHIA Alexander, 1967c:380. Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- SUBDULCIS Alexander, 1937e:533. Type-locality: Cuba, Oriente, Sierra Maestra, Pico Turquino. Distr. — Cuba.
- SUBHISTRIO Alexander, 1966c:490. Type-locality: Ecuador, Napo-Pastaza, Libertad. Distr. — Ecuador.
- SURINAMENSIS Alexander, 1947a:180. Type-locality: Surinam, Paramaribo. Distr. — Surinam.
- THALIA Alexander, 1945a:34, fig. 14 (male hypopygium). Type-locality: São Paulo, Juquiá. Distr. — Brazil.
- TRIANGULARIS Alexander, 1945a:35, fig. 13 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- TROGLODYTA Edwards, 1918:425, fig. (male hypopygium). Type-locality: Trinidad, in Guacharo Cave. Distr. — Trinidad.
- TURRIALBAE Alexander, 1945h:290. Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica.
- VENUSTIPES Alexander, 1926a:162. Type-locality: Mexico, Coscomatepec. Distr. — Mexico.
- WHITEI Alexander, 1930b:119. Type-locality: Guatemala, Bananera. Distr. — Guatemala.
- WITHYCOMBEI Alexander, 1929e:406. Type-locality: Trinidad, St. Augustine. Distr. — Trinidad.



Subgenus PSILOCONOPA Zetterstedt

- PSILOCONOPA Zetterstedt, 1838:847 (as genus). Type-species, *meigeni* Zetterstedt (mon.) (Western Palaearctic).
WINTHEMI Alexander, 1922c:38. Type-locality: "Brazil". Distr. — Brazil. (Ex Winthem collection, Vienna Museum. Not re-discovered and the locality presumably in question, all related species being Holarctic.)

Subgenus SYMPLECTA Meigen

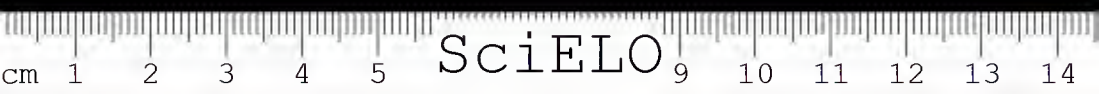
- Helobia* Lepeletier & Serville in Latreille *et al.*, 1828:585 (preocc. Stephens, 1827). Type-species, *Limnobia punctipennis* Meigen (mon.) = *hybrida* (Meigen).
SYMPLECTA Meigen, 1830:282 (as genus). Type-species, *Limnobia punctipennis* Meigen (Westwood, 1840:128) = *hybrida* (Meigen).
Idioneura Philippi, 1865:615. Type-species, *macroptera* Philippi (mon.).
CANA (Walker), 1848:48 (*Limnobia*). Type-locality: Canada, Ontario. Distr. — Mexico, Guatemala; Nearctic.
COLOMBIANA COLOMBIANA (Alexander), 1937d:616 (*Helobia*). Type-locality: Colombia, Usme. Distr. — Colombia. Ref. — Alexander, 1947c:329, fig. 12 (wing).
ssp. MICROPTERA Alexander, 1945a:36 [*Erioptera* (*Helobia*)]. Type-locality: Ecuador, Chimborazo, Riobamba. Distr. — Ecuador.
MACROPTERA MACROPTERA (Philippi), 1865:615 (*Idioneura*). Type-locality: unknown. Distr. — Chile, Argentina.
ssp. ARGENTINA Alexander, 1944h:383. Type-locality: Argentina, Jujuy, Hornadita. Distr. — Bolivia, Argentina. Ref. — Bruch, 1939a: pl. 6, fig. 21 (adult in resting position), pl. 7, fig. 25 (adult female).

Subgenus TRIMICRA Osten Sacken

- TRIMICRA Osten Sacken, 1861:290 (as genus). Type-species, *anomala* Osten Sacken (mon.) = *pilipes* (Fabricius). Ref. — Alexander, 1947c:332.
PILIPES (Fabricius), 1787:324 (*Tipula*). Type-locality: "Europe". Distr. — Virtually cosmopolitan. Refs. — Alexander, 1962d:4 (distribution, list of all synonyms), figs. 5 (venation), 6 (male hypopygium); Bruch, 1939a:pl. 6, fig. 20 (entire male).
reciproca Walker, 1848:50 (*Limnobia*). Type-locality: Uruguay, Montevideo.
obscurata Blanchard in Gay, 1852:343 (*Limnobia*). Type-locality: "Chile".
trichopus Philippi, 1865:610 (*Limnophila*). Type-locality: Chile, Santiago.
apocila Philippi, 1865:611 (*Limnophila*). Type-locality: "Chile".
andensis Alexander, 1916a:20, pl. 2, fig. 8 (wing) (*Trimicra*). Type-locality: Ecuador, Alausi.

Genus EUGNOPHOMYIA Alexander

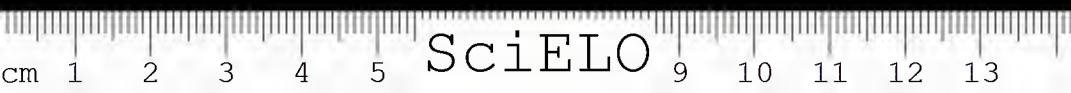
- Gnophomyia*, subg. EUGNOPHOMYIA Alexander, 1947b:72. Type-species, *luctuosa* Osten Sacken (orig. des.) (Nearctic).



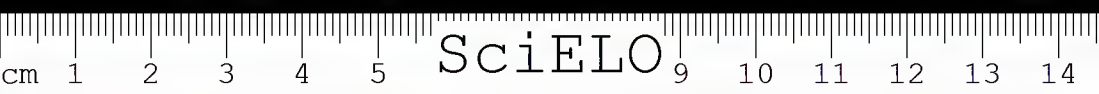
- AZRAEL (Alexander), 1943g:542. fig. 7 (male hypopygium) [*Gnophomyia* (*Eugnophomyia*)]. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. -- Peru.
- CURRANIANA (Alexander), 1945h:285 [*Gnophomyia* (*Eugnophomyia*)]. Type-locality: Panama, Canal Zone, Barro Colorado Is. Distr. — Panama.
- DARLINGTONI (Alexander), 1937e:530, figs. 7 (wing), 10 (male hypopygium) [*Gnophomyia* (*Eugnophomyia*)]. Type-locality: Cuba, Oriente, Sierra Maestra, Pico Turquino. Distr. — Cuba.
- EXCORDIS (Alexander), 1951a:108 [*Gnophomyia* (*Eugnophomyia*)]. Type-locality: Guatemala, Chicacao, El Naranjo. Distr. — Guatemala.
- FLAGRANS (Alexander), 1928h:364 (*Gnophomyia*). Type-locality: Costa Rica, Cartago. Distr. — Costa Rica.
- FLAMMEITHORAX (Alexander), 1949a:108 [*Gnophomyia* (*Eugnophomyia*)]. Type-locality: Peru, Huanuco, Carpath. Distr. — Peru.
- FUNEBS (Alexander), 1922c:45 (*Gnophomyia*). Type-locality: Brazil, Bahia. Distr. — Brazil.
- FUNEREA (Alexander), 1938f:255 [*Gnophomyia* (*Eugnophomyia*)]. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- FUSCOCOSTATA (Alexander), 1959:446 [*Gnophomyia* (*Eugnophomyia*)]. Type-locality: Brazil, Amapá, Serra do Navio. Distr. — Brazil.
- GLABRIPENNIS (Alexander), 1948b:145 [*Gnophomyia* (*Eugnophomyia*)]. Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- GOLBACHII (Alexander), 1962b:354, figs. 17 (wing), 20 (male hypopygium) [*Gnophomyia* (*Eugnophomyia*)]. Type-locality: Argentina, Tucumán, Quebrada Cainzo, Tafi. Distr. — Argentina.
- JUNINIANA (Alexander), 1951a:109 [*Gnophomyia* (*Eugnophomyia*)]. Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- LEUCOPLACA (Alexander), 1921d:76 (*Gnophomyia*). Type-locality: Brazil, Amazonas, Tefé. Distr. — Brazil.
- LUCTUOSA (Osten Sacken), 1859:224 (*Gnophomyia*). Type-locality: U.S.A., Florida. Distr. — Nearctic; Guatemala, Colombia. (Neotropical records presumably in error).
- nigricola* Walker, 1861:333 (*Limnobia*). Type-locality: "U.S.A."
- MELANCHOLICA (Alexander), 1922c:46 (*Gnophomyia*). Type-locality: Paraguay, La Cordillera, San Bernardino. Distr. — Paraguay.
- PAMMELAS (Alexander), 1922c:47 (*Gnophomyia*). Type-locality: Paraguay, Trinidad, Asunción. Distr. — Paraguay.
- POSTICATA (Alexander), 1939c:628, figs. 3 (wing), 12 (male hypopygium) [*Gnophomyia* (*Gnophomyia*)]. Type-locality: Costa Rica, Talamanca, Pedregoso. Distr. — Costa Rica.
- TEMPESTIVA (Alexander), 1943a:239 [*Gnophomyia* (*Eugnophomyia*)]. Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- VIVASBERTHIERI (Alexander), 1944c:48, fig. 8 (male hypopygium) [*Gnophomyia* (*Eugnophomyia*)]. Type-locality: Venezuela, Caracas, El Valle. Distr. — Venezuela.

Genus GNOPHOMYIA Osten Sacken

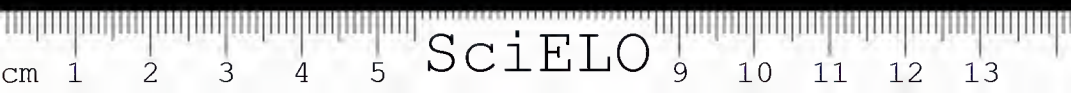
- GNOPHOMYIA Osten Sacken, 1859:223. Type-species, *tristissima* Osten Sacken (Coquillett, 1910:547) (Nearctic). Ref. — Alexander, 1947b:73, figs. 8-12.



- ACRICULA Alexander, 1931c:637. Type-locality: Colombia, Magdalena, Mt. Santa Marta. Vista Nieve. Distr. — Colombia.
- ADJUSTA Alexander, 1949a:115. Type-locality: Peru, Huanuco, Sariapampa. Distr. — Peru. Ref. — Alexander, 1949c:594, fig. 11 (male hypopygium).
- APICULARIS Alexander, 1945b:59. Type-locality: Costa Rica, Talamanca, Piedregoso. Distr. — Costa Rica.
- ARCUATA Alexander, 1914e:244, pl. 4, fig. 6 (wing). Type-locality: Guyana, Bartica. Distr. — Guyana.
- ARGUTULA Alexander, 1944a:45. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- ASTUTA Alexander, 1965a:404. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- AXILLARIS Alexander, 1921d:75. Type-locality: Peru, Lorcto. Iquitos. Distr. — Peru.
- BANKSIANA Alexander, 1945L:388, fig. 18 (male hypopygium). Type-locality: Panama, Canal Zone, Barro Colorado Is. Distr. — Panama.
- BIPECTINATA Alexander, 1965a:404. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- BULBIBASIS Alexander, 1944a:46. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador. Ref. — Alexander, 1949c:594, fig. 12 (male hypopygium).
- CALOPTERA Osten Sacken, 1887b:200. Type-locality: "Brazil" (with a question). Distr. — Brazil.
- CERTA Alexander, 1952a:130. Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- CHILOTA Alexander, 1929a:179, figs. 99 (wing), 220 (male hypopygium). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chilc.
- COXITALIS Alexander, 1944d:317. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- DELECTABILIS Alexander, 1965a:405. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- DIACANTHA Alexander, 1966c:476. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- DIAZI Alexander, 1937a:184, fig. 3 (wing). Type-locality: Puerto Rico, Luquillo Mountains, Nevis. Distr. — Puerto Rico. Ref. — Alexander, 1947b:75, fig. 12 (male hypopygium).
- DICTENA Alexander, 1942e:257. Type-locality: Ecuador, Manabi, Palmar. Distr. — Ecuador.
- DIGITIFORMIS Alexander, 1941b:144. Type-locality: Venezuela, Carabobo, San Esteban. Distr. — Venezuela.
- DISTIFURCULA Alexander, 1943g:546, fig. 8 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- DUPLEX Alexander, 1937c:498. Type-locality: Peru, Yunquilla. Distr. — Peru.
- EMARGINATA Alexander, 1945L:389, fig. 19 (male hypopygium). Type-locality: Panama, Canal Zone, Barro Colorado Is. Distr. — Panama.
- FERRUGINEA Williston, 1900:226. Type-locality: Mexico, Tabasco, Tcapa. Distr. — Mexico.
- FESSA Alexander, 1944a:47. Type-locality: Ecuador, Manabi, Palmar, Río Maizito. Distr. — Venezuela, Ecuador.
- FLEBILIS Alexander, 1944d:320. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.



- FUSCOCOSTALIS Alexander, 1947c:69, fig. 4 (wing). Type-locality: Venezuela, Miranda. Río Chacaito. Distr. — Venezuela.
- GLABRITERGATA Alexander, 1965a:406. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- JUSTA Alexander, 1938c:330. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- JUSTOIDES Alexander, 1938f:254. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- KERTESZIANA Alexander, 1929c:168, fig. 3 (male hypopygium). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- LACHRYMOSA Alexander, 1919a:143, fig. 13 (wing). Type-locality: Panama, Porto Bello. Distr. — Panama.
- LATA Alexander, 1943i:757. Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- LATICINCTA Alexander, 1919a:142, fig. 14 (wing). Type-locality: Panama, Porto Bello. Distr. — Panama.
- LATILOBATA Alexander, 1949c:594, fig. 13 (male hypopygium). Type-locality: Peru, Loreto, Cerro Azul. Distr. — Peru.
- LATISSIMA Alexander, 1966c:478. Type-locality: Ecuador, Río Frío, Balao Chico. Distr. — Ecuador.
- LONGITEREBRA Alexander, 1943a:240. Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- LONGITERGATA Alexander, 1943g:551, fig. 11 (male hypopygium). Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- MAESTITIA Alexander, 1914b:208, pl. 9, fig. 8 (wing). Type-locality: Peru, Vilcanota. Distr. — Peru. Ref. — Alexander, 1929c:168, fig. 4 (male hypopygium).
- MAGICA Alexander, 1945L:391. Type-locality: Guyana, Pacaraima Mountains near the headwaters of the Mazaruni River. Distr. — Guyana.
- MAGNIAREUATA Alexander, 1949a:108. Type-locality: Peru, Huanuco, Huamincha. Distr. — Peru.
- MEDIOTUBERCULATA Alexander, 1949a:118. Type-locality: Peru, Loreto, Contamana, Upper Ucayali River. Distr. — Peru. Ref. — Alexander, 1949c:596, fig. 14 (male hypopygium).
- MOLINAE Alexander, 1929c:164, fig. 1 (male hypopygium). Type-locality: Ecuador, Guayas, Bucay, Ventura. Distr. — Ecuador.
- MONOPHAEA Alexander, 1946a:134. Type-locality: Mexico, Chiapas, Nueva America. Distr. — Mexico.
- NAHUELBTAE Alexander, 1966c:479, figs. 11 (wing), 13 (male hypopygium). Type-locality: Chile, Arauco, Nahuelbuta, Pillim Pilli. Distr. — Chile.
- NECTAREA Alexander, 1944a:49. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- NEGRINA (Wiedemann), 1828:37 (*Limnobia*). Type-locality: "Brazil". Distr. — Brazil, Peru.
- NIMBIFERA Alexander, 1943g:548, fig. 9 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- OSTENSACKENI Skuse, 1890a:825 (nom. nov. for *fascipennis* Osten Sacken). Type-locality: Brazil, Amazon River. Distr. — Brazil.
- fascipennis* Osten Sacken, 1887b:199 (preocc. Thomson, 1869). Type-locality: Brazil, Amazon River.



- OXYMERA Alexander, 1943g:549, fig. 10 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- PALLIDAPEX Alexander, 1929d:783. Type-locality: Paraguay, Santa Barbara. Distr. — Brazil, Paraguay. Ref. — Alexander, 1947b:75, fig. 8 (wing).
- PAUCISETA Alexander, 1949a:116. Type-locality: Peru, Huanuco, Fundo Sinchono. Distr. — Peru. Ref. — Alexander, 1949c:596, fig. 15 (male hypopygium).
- PERACUTOR Alexander, 1949a:113. Type-locality: Peru, Huanuco, Fundo Sinchono. Distr. — Peru. Ref. — Alexander, 1949c:596, fig. 16 (male hypopygium).
- PERDEBILIS Alexander, 1949a:109. Type-locality: Peru, Huanuco, Fundo Sinchono. Distr. — Peru, Bolivia. Ref. — Alexander, 1949c:596, fig. 17 (male hypopygium).
- PERLATA Alexander, 1944d:320. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- PERMAGICA Alexander, 1947b:76, fig. 10 (male hypopygium). Type-locality: Peru, Loreto, Iquitos. Distr. — Peru.
- PERSEVERA Alexander, 1949a:117. Type-locality: Peru, Loreto, Cerro Azul. Distr. — Peru. Ref. — Alexander, 1949c:597, fig. 18 (male hypopygium).
- PETENTIS Alexander, 1949a:110. Type-locality: Peru, Huanuco, Fundo Sinchono. Distr. — Peru. Ref. — Alexander, 1949c:597, fig. 19 (male hypopygium).
- PODACANTHA Alexander, 1944h:380. Type-locality: Costa Rica, Talamanca, San Juan Miramar. Distr. — Costa Rica.
- PORTERI Alexander, 1929c:165, fig. 2 (male hypopygium). Type-locality: Ecuador, Chimborazo, Pallatanga. Distr. — Ecuador.
- PROPATULA Alexander, 1947a:175. Type-locality: Costa Rica, Talamanca, Pedregoso. Distr. — Costa Rica.
- PULVINARIS Alexander, 1945h:286. Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica.
- REGNATRIX Alexander, 1943g:544. Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- RUBICUNDULA Alexander, 1921d:74. Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru.
- SAGITTA Alexander, 1949c:597, fig. 20 (male hypopygium). Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- SAGITTOIDES Alexander, 1951a:109. Type-locality: Peru, Huanuco, Fundo Sinchono, Cordillera Azul. Distr. — Peru.
- SOCIALIS Alexander, 1949a:112. Type-locality: Peru, Huanuco, Chinchao. Distr. — Peru. Ref. — Alexander, 1949c:598, fig. 21 (male hypopygium).
- SPINIBASIS Alexander, 1943i:758, fig. 11 (male hypopygium). Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- STENOCHOREMA Alexander, 1962c:137, figs. 115 (wing), 119 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chaparc, Locotal. Distr. — Bolivia.
- STENOPHALLUS Alexander, 1941b:145. Type-locality: Venezuela, Carabobo, San Esteban. Distr. — Venezuela.
- STUPENS (Walker), 1861:333 (*Limnobia*). Type-locality: "Mexico". Distr. — Mexico. Identity uncertain.

- STYLACUTA Alexander, 1947b:77, fig. 11 (male hypopygium). Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica.
- SUBAPICULARIS Alexander, 1945b:60. Type-locality: Costa Rica, Talamanca, Pedregoso. Distr. — Costa Rica.
- SUBARCUATA Alexander, 1946e:533. Type-locality: Mexico, Chiapas, Finca Vergel. Distr. — Mexico.
- SUBFLEBILIS Alexander, 1949a:113. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador. Ref. — Alexander, 1949c:598, fig. 22 (male hypopygium).
- SUBHYALINA Alexander, 1913b:523, fig. 23 (wing). Type-locality: Guatemala, Alta Verapaz, Cacao Trece Aguas. Distr. — Guatemala, Costa Rica, Panama, Guyana, Brazil.
- SUBNIMBIFERA Alexander, 1966c:480. Type-locality: Ecuador, Napo-Pastaza, Libertad, 6 km southeast of Tena. Distr. — Ecuador.
- SUBOBLITERATA Alexander, 1946e:532. Type-locality: Mexico, Morelos, Tepoztlán. Distr. — Mexico.
- TELENEURA Alexander, 1944d:318. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- TETRACAENA Alexander, 1966c:481. Type-locality: Ecuador, Napo-Pastaza, Libertad, 6 km. southeast of Tena. Distr. — Ecuador.
- TRESIAS Alexander, 1949c:598, fig. 23 (male hypopygium). Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- TOLERANDA Alexander, 1954d:148. Type-locality: Bolivia, Cochabamba, Chapore, Locotal, El Limbo. Distr. — Bolivia.
- TRANSVERSA Alexander, 1949c:600, fig. 24 (male hypopygium). Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- TRIATRATA Alexander, 1968b:90. Type-locality: Brazil, São Paulo, Ribeirão Pires. Distr. — Brazil.
- TRICEPS Alexander, 1947b:78, fig. 9 (male hypopygium). Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica.
- TRICEPOIDES Alexander, 1966c:482. Type-locality: Peru, Cuzco, Quincemil, along the Marcapata river. Distr. — Peru.
- TRICORNIS Alexander, 1949a:114. Type-locality: Peru, Huanuco, Sariapampa. Distr. — Peru. Ref. — Alexander, 1949c:602, fig. 25 (male hypopygium).
- TRISETIGERA Alexander, 1949a:111. Type-locality: Peru, Huanuco, Fundo Sinchono. Distr. — Peru. Ref. — Alexander, 1949c:602, fig. 26 (male hypopygium).
- TUBER Alexander, 1944a:50. Type-locality: Ecuador, Los Ríos, Playas de Montalvo. Distr. — Ecuador.
- TUNGURAHUANA Alexander, 1945n:417. Type-locality: Ecuador, Tungurahua, Mt. Tungurahua. Distr. — Ecuador.
- VILIS Alexander, 1931c:638. Type-locality: Colombia, Orihueca. Distr. — Colombia.
- VITRIPENNIS Alexander, 1942e:258. Type-locality: Ecuador, Manabí, Palmar. Distr. — Ecuador.

Genus GONOMYIA Meigen

GONOMYIA Meigen, 1818:146. Type-species, *Limnobia tenella* Meigen (mon.). [See note in Alexander, 1965d:73].

Goniomyia, emend.

Ref. — Alexander, 1947b:83-99, figs. 17-29.

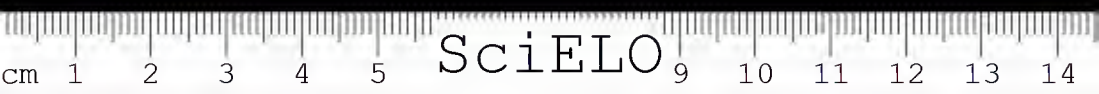


Subgenus EUPTILOSTENA Alexander

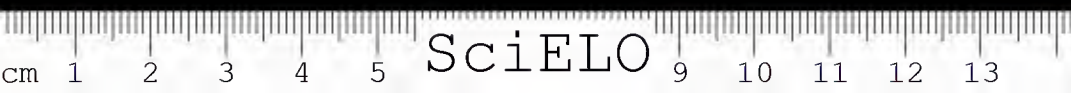
- Gonomyia*, subg. EUPTILOSTENA Alexander, 1938j:126. Type-species, *reticulata* Alexander, (orig. des.) (Eastern Palaearctic)
 DAMPFIANA Alexander, 1938e:395. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico. Ref. — Alexander, 1947b:87, fig. 19 (wing).
 POLINGI Alexander, 1946e:523. Type-locality: U.S.A., Texas, Davis Mts., Old Fort Davis. Distr. — Southwestern U.S.A., Mexico.

Subgenus GONOMYIA Meigen

- AEQUALIS Alexander, 1916b:323. Type-locality: Guatemala, Totonicapán. Distr. — Guatemala. Ref. — Alexander, 1916d:526, fig. 86 (male hypopygium).
 ANDICOLA Alexander, 1913c:199, pl. 5, fig. 6 (wing), pl. 6, fig. 3 (male hypopygium). Type-locality: Colombia, Cauca, Valle de las Papas. Distr. — Colombia.
 ANDUZEI Alexander, 1940e:902, figs. 4 (wing), 7 (male hypopygium). Type-locality: Venezuela. Naiguata, D.F., Los Canales. Distr. — Venezuela.
 ANIMULA Alexander, 1966b:703. Type-locality: Honduras, Lancetilla. Distr. — Honduras
 ANSERINA Alexander, 1943i:752, fig. 8 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
 APPENDICULATA Alexander, 1943i:751, fig. 7 (male hypopygium). Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
 ASPERA Alexander, 1943a:231, fig. 1 (male hypopygium). Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
 AYMARA Alexander, 1962c:148, figs. 127 (wing), 129 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
 BIFURCIFER Alexander, 1939e:626, figs. 2 (wing), 10 (male hypopygium). Type-locality: Costa Rica, Talamanca, Pedregoso. Distr. — Costa Rica.
 BIFURCULA Alexander, 1946a:130. Type-locality: Mexico. Chiapas, San Antonio Nexapa. Distr. — Mexico.
 BIRAMA Alexander, 1941e:251, fig. 9 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru. Ref. — Alexander, 1947b:85, fig. 21 (wing).
 BREVICULA Alexander, 1926b:225. Type-locality: Cuba, Hanabanilla Falls near Cumanayagua. Distr. — Cuba.
 BREVISSIMA Alexander, 1926b:227. Type-locality: Cuba, Trinidad Mountains. Distr. — Cuba.
 CATAMARCAE Alexander, 1929d:785. Type-locality: Argentina, Catamarca. Bolsón. Distr. — Argentina. Ref. — Alexander, 1962b:355, fig. 21 (male hypopygium).
 CHIAPASENSIS Alexander, 1927d:306. Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.
 CONNIVENS Alexander, 1946b:242. Type-locality: Mexico, Chiapas, Finca Victoria. Distr. — Mexico.
 CRINITA Alexander, 1941d:127, fig. 11 (male hypopygium). Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador, Peru.
 DASYPHALLUS Alexander, 1949c:610, fig. 32 (male hypopygium). Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.



- DEBILIS Alexander, 1928a:116. Type-locality: Mexico, Chiapas, Santa Isabel. Distr. — Mexico.
- DELICATA Alexander, 1913b:506. Type-locality: Guatemala, Totonicapán. Distr. — Guatemala.
- EFFICIENS Alexander, 1943a:232. Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- EXPANSA Alexander, 1938e:403. Type-locality: Mexico, Chiapas, Finca Lubeca. Distr. — Mexico.
- FLAVIBASIS Alexander, 1916b:317. Type-locality: U.S.A., California, Monterey County. Distr. — Western U.S.A., Mexico.
- tuberculata* Alexander, 1925a:349, figs. 9 (wing), 18 (male hypopygium). Type-locality: Mexico, Penonmarquez.
- FURCULA Alexander, 1962c:149, figs. 128 (wing), 130 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia.
- ssp. BREVISPICA Alexander, 1962c:150, fig. 131 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- GEMULA Alexander, 1946c:4, figs. 4 (wing), 6 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- GUERREROENSIS Alexander, 1940b:161. Type-locality: Mexico, Guerrero, Taxco. Distr. — Mexico.
- ILLICIS Alexander, 1921a:74. Type-locality: Argentina, Jujuy, Ciudad. Distr. — Argentina.
- JAMAICANA Alexander, 1964a:76, figs. 81 (wing), 85 (male hypopygium). Type-locality: Jamaica, St. Thomas, Whitfield Hall. Distr. — Jamaica.
- JEJUNA Alexander, 1916a:17, pl. 1, fig. 8 (wing), pl. 4, fig. 1 (male hypopygium). Type-locality: Peru, Lima. Distr. — Peru.
- JUAREZI Alexander, 1946a:131. Type-locality: Mexico, Oaxaca, Sierra de Juárez, Yotao. Distr. — Mexico.
- MEGARIOPALA Alexander, 1946a:129. Type-locality: Mexico, Morelos, Lagunas de Zempole. Distr. — Mexico.
- METHODICA Alexander, 1931c:635. Type-locality: Colombia, Magdalena, Mt. Santa Marta, Vista Nieve. Distr. — Colombia.
- MEXICANA Alexander, 1916b:321. Type-locality: Mexico, Veracruz, Córdoba. Distr. — Mexico. Ref. — Alexander, 1916d:527, figs. 90, 91 (male hypopygium).
- MICROSERRATA Alexander, 1938e:399. Type-locality: Mexico, Chiapas, Finca Germania. Distr. — Mexico.
- MULTISPICATA Alexander, 1938e:402. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico.
- OSTENTATOR Alexander, 1946e:537. Type-locality: Mexico, Morelos, Cuernavaca. Distr. — Mexico.
- OTOSA Alexander, 1949c:612, fig. 3 (male hypopygium). Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- PLATYMERINA Alexander, 1944k:612. Type-locality: Ecuador, Santiago-Zamora, Rio Zamora, Zumbi. Distr. — Ecuador.
- PLATYMERODES Alexander, 1952a:132. Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- QUAESITA Alexander, 1938e:400. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico.
- QUERIBUNDA Alexander, 1941e:252, fig. 10 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.



- RECTANGULA Alexander, 1966b:704. Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- REMIGERA Alexander, 1946e:536. Type-locality: Mexico, Morelos, Cuernavaca. Distr. — Mexico.
- REMOTA REMOTA Alexander, 1926a:164, fig. 5 (wing). Type-locality: Mexico, Veracruz, Córdoba. Distr. — Mexico, El Salvador.
- ssp. OBTUSISTYLA Alexander, 1940c:115. Type-locality: Panama, Chiriquí, Potrerillos. Distr. — Panama.
- SALMANI Alexander, 1927c:274. Type-locality: El Salvador, Agronomía, Sonsonate. Distr. — El Salvador.
- SERPENTINA Alexander, 1938a:34. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- SPICULISTYLA Alexander, 1950a:53, figs. 30 (wing), 35 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- STELLATA Alexander, 1946e:535. Type-locality: Mexico, Morelos, Cuernavaca. Distr. — Mexico.
- SUBAPPENDICULATA Alexander, 1954a:39, fig. 5 (male hypopygium). Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- SUBBREVICULA Alexander, 1947b:89, fig. 20 (wing). Type-locality: Puerto Rico, El Semil. Distr. — Puerto Rico.
- SUBREMOTA Alexander, 1938e:401. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico.
- SUBUNICOLOR Alexander, 1948b:146. Type-locality: Panama, Cerro Peña, near El Valle. Distr. — Panama.
- TRIACULEATA Alexander, 1938e:398. Type-locality: Mexico, Chiapas, Finca Victoria. Distr. — Mexico.
- UNICOLOR Alexander, 1913b:507, fig. 15 (wing). Type-locality: Guatemala, Aguna. Distr. — Mexico, Guatemala, El Salvador. Ref. — Alexander, 1916d:527, pl. 30, figs. 88, 89 (male hypopygium).
- WYGODZINSKYI Alexander, 1962b:356, figs. 19 (wing), 23 (male hypopygium). Type-locality: Argentina, Tucumán, La Angostura, Tafi del Valle. Distr. — Argentina.

Subgenus GONOMYINA Alexander

- Gonomyia*, subg. GONOMYINA Alexander, 1946c:5 Type-species, *durabilis* Alexander (orig. des.).
- DURABILIS Alexander, 1946c:6, figs. 3 (wing), 7 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- PARISHI (Alexander), 1913a:46, fig. k (male hypopygium) (*Teucholabis*). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Brazil.
- PERSIMILIS (Alexander), 1920b:6 (*Teucholabis*). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Brazil.
- RUNA Alexander, 1947b:84, fig. 24 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

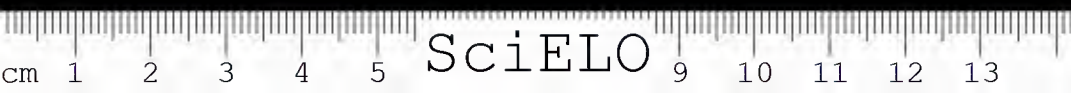
Subgenus IDIOCERA Dale

- Limnobia*, subg. IDIOCERA Dale, 1842:431, 433. Type-species, *sexguttata* Dale (mon.) (Western Palaearctic).
- ANGUSTISSIMA Alexander, 1928b:57 [*Gonomyia* (*Ptilostena*)]. Type-locality: Cuba, Oriente, Jarahueca. Distr. — Cuba.

HOOGSTRAALI Alexander, 1946b:241, figs. 20 (wing), 23 (male hypopygium).
Type-locality: Mexico, Michoacán, La Majada. Distr. — Mexico.
Ref. — Alexander, 1947b: 87, fig. 18 (wing).

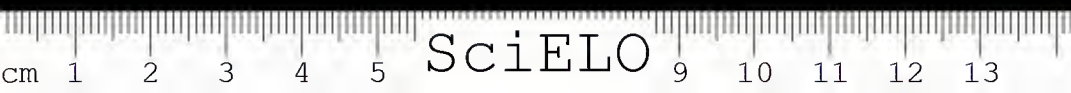
Subgenus LIOPHLEPS Bergroth

- Leiponeura* Skuse, 1890a:795. Type-species, *gracilis* Skuse (Alexander, 1913b:503) = *skusei* Alexander. [See note in Alexander, 1965d:74].
- LIOPHLEPS Bergroth, 1915:55 (as genus; unjustified nom. nov. for *Leiponeura* Skuse). Type-species, *Leiponeura gracilis* Skuse (aut.) = *skusei* Alexander.
Ref. — Alexander, 1947b:91.
- ADUNCA Alexander, 1921e:294 [*Gonomyia* (*Leiponeura*)]. Type-locality: Argentina, Catamarca, Ampajango. Distr. — Argentina.
- ANDUZEANA Alexander, 1941b:141. Type-locality: Venezuela, Carabobo, San Esteban. Distr. — Venezuela. Ref. — Alexander, 1947e:73, fig. 10 (male hypopygium).
- ARAJUNO Alexander, 1945n:416. Type-locality: Ecuador, Napo-Pastaza, Río Arajuno, Napo Watershed. Distr. — Ecuador. Ref. — Alexander, 1945L:386, fig. 16 (male hypopygium).
- BASISPINOSA Alexander, 1936e:63. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Ref. — Alexander, 1947b:89, fig. 27 (male hypopygium).
- BATESI Alexander, 1945L:386, fig. 17 (male hypopygium). Type-locality: Panama, Canal Zone, Barro Colorado Is. Distr. — Panama.
- BICORNUTA Alexander, 1927c:276. Type-locality: Puerto Rico, Luquillo National Forest. Distr. — Puerto Rico. Ref. — Alexander, 1932:372, fig. 22 (male hypopygium).
- BIFILIGERA Alexander, 1932:372, figs. 15 (wing), 21 (male hypopygium). Type-locality: Puerto Rico, Las Cruces. Distr. — Puerto Rico.
- BISPINOSA Alexander, 1921d:82, figs. 4,4A (male hypopygium) [*Gonomyia* (*Leiponeura*)]. Type-locality: Peru, Loreto, Iquitos. Distr. — Peru.
- BORBURATANA Alexander, 1941b:143. Type-locality: Venezuela, Carabobo, Borburata. Distr. — Venezuela. Ref. — Alexander, 1947e:73, fig. 11 (male hypopygium).
- BRUCHI Alexander, 1920f:217 [*Gonomyia* (*Leiponeura*)]. Type-locality: Argentina, Buenos Aires. Distr. — Argentina. Ref. — Bruch, 1939a: pl. 6, fig. 19 (entire female).
- CALVERTI CALVERTI Alexander, 1914c:122, figs. 7, 8 (male hypopygium) [*Gonomyia* (*Leiponeura*)]. Type-locality: Costa Rica, Alajuela. Distr. — Costa Rica.
- ssp. PLEUROTOENIATA Alexander, 1942j:31 (nom. nov. for *pleurostriata* Alexander). Type-locality: Costa Rica, Talamanca, Pedregoso. Distr. — Costa Rica.
- pleurostriata* Alexander, 1939e:627, fig. 11 (male hypopygium) (preocc. Alexander, 1936). Type-locality: Costa Rica, Talamanca, Pedregoso.
- CANTAREIRAE Alexander, 1945c:270, fig. 17 (male hypopygium). Type-locality: Brazil, São Paulo, São Paulo, Serra da Cantareira. Distr. — Brazil.
- CARRERAI Alexander, 1943f:304, fig. 14 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.



- CERVARIA Alexander, 1938d:334. Type-locality: Colombia, Cundinamarca, Fusagasugá. Distr. — Colombia.
- CLAVIFERA Alexander, 1943i:755, fig. 10 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- CREPUSCULA Alexander, 1921d:82, figs. 5, 5A (male hypopygium) [*Gonomyia (Leiponeura)*]. Type-locality: Peru, Loreto, Napo Rivcr. Distr. — Cuba.
- CTENOPHORA Alexander, 1921d:81, fig. 6 (male hypopygium) (*Gonomyia (Leiponeura)*). Type-locality: Peru, Loreto, Iquitos. Distr. — Peru.
- CUBANA Alexander, 1931a:120. Type-locality: Cuba, Trisdad Mts. Distr. — Cuba.
- CULTRATA Alexander, 1941d:130, fig. 14 (male hypopygium). Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
- DIACANTHOPHORA Alexander, 1941a:253, fig. 11 (male hypopygium). Type-locality: Peru, Junín, Tarma, Carpapata. Distr. — Peru.
- DOTATA Alexander, 1945i:253, fig. 4 (male hypopygium). Type-locality: Peru, Junín. Satipo, Jauja. Distr. — Peru.
- DUURVOORTI Alexander, 1928h:366. Type-locality: Surinam, Paramaribo. Distr. — Guyana, Surinam.
- EXTENSA Alexander, 1914e:243 [*Gonomyia (Leiponeura)*]. Type-locality: Guyana, Bartica. Distr. — Panama, Guyana, Trinidad.
- FORTIBASIS Alexander, 1966c:486. Type-locality: Ecuador, Esmeralda, San Mateo. Distr. — Ecuador.
- GILLOTTAE Alexander, 1928h:365. Type-locality: Costa Rica, near Cartago. Distr. — Costa Rica, Panama.
- HAPLOA Alexander, 1926a:167, fig. 18 (male hypopygium). Type-locality: Mexico, Veracruz, Córdoba. Distr. — Mexico.
- HAPLOIDES Alexander, 1938e:397. Type-locality: Mexico, Chiapas, Finca Victoria. Distr. — Mexico, Costa Rica.
- HOFFMANIANA Alexander, 1947b:93, figs. 22 (wing), 29 (male hypopygium). Type-locality: Puerto Rico, El Semil. Distr. — Puerto Rico.
- IMPEDITA Alexander, 1946a:132. Type-locality: Mexico, Oaxaca, Cacalotepec, Sierra de Juárez. Distr. — Mexico.
- INERMIS Alexander, 1914e:242, pl. 4, fig. 5 (wing) [*Gonomyia (Leiponeura)*]. Type-locality: Guyana, Bartica. Distr. — Guyana.
- JUQUIANA Alexander, 1945c:273, figs. 15 (wing), 20 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- LEONURA Alexander, 1941d:128, fig. 12 (male hypopygium). Type-locality: Ecuador, Bolívar, Balzapamba. Distr. — Ecuador.
- LUSTRALIS Alexander, 1945h:289. Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica.
- MACINTYREI Alexander, 1937d:609. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
- MACSWAINI Alexander, 1940c:115. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Costa Rica, Panama.
- MAYA Alexander, 1927d:307. Type-locality: Mexico, Chiapas, Santa Isabel. Distr. — Mexico.
- MECOPHALLUS Alexander, 1966b:702. Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- MELANACANTHA Alexander, 1954a:40, fig. 6 (male hypopygium). Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.

- MISERA Alexander, 1921c:164 [*Gonomyia (Leiponeura)*]. Type-locality: Argentina, Tucumán, Arroyo Famallá. Distr. — Argentina.
- MYTHICA Alexander, 1945i:250, fig. 3 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- NESTOR Alexander, 1947b:95, fig. 26 (male hypopygium). Type-locality: Brazil, São Paulo. Distr. — Brazil.
- ORTHOMERA Alexander, 1937a:185, fig. 10 (male hypopygium). Type-locality: Puerto Rico, Tanama River. Distr. — Puerto Rico.
- ORTHOMERODES Alexander, 1939a:85. Type-locality: Mexico, Chiapas, Huixtla. Distr. — Mexico.
- PARINERMIS Alexander, 1940e:903, fig. 8 (male hypopygium). Type-locality: Venezuela, Naiguata, D.F., Los Canales. Distr. — Venezuela.
- PEDICA Alexander, 1947b:96, fig. 25 (male hypopygium). Type-locality: Brazil, Rio de Janeiro. Distr. — Brazil.
- PETRONIS Alexander, 1942h:434, figs. 14 (wing), 18 (male hypopygium). Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr. — Brazil.
- PHILOMELA Alexander, 1945i:251, fig. 6 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- PHORCTENIA Alexander, 1921d:80, fig. 7 (male hypopygium) [*Gonomyia (Leiponeura)*]. Type-locality: Peru, Loreto, Iquitos. Distr. — Peru.
- PILOSISPINA Alexander, 1936e:65. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- PRODUCTA Alexander, 1919a:139 [*Gonomyia (Leiponeura)*]. Type-locality: Lesser Antilles: Antigua, Blubber Valley. Distr. — Mexico, Ecuador, Puerto Rico, Antigua. Ref. — Alexander, 1932:374, fig. 23 (male hypopygium).
- PROJECTA Alexander, 1941d:129, fig. 13 (male hypopygium). Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador, Peru, Bolivia.
- PROLIXISTYLUS Alexander, 1930b:118. Type-locality: British Honduras, Blue Creek. Distr. — Mexico, British Honduras.
- PROLONGATA Alexander, 1940e:904, figs. 5 (wing), 9 (male hypopygium). Type-locality: Venezuela, Miranda, Río Chacaito. Distr. — Venezuela, Ecuador.
- PUELLA (Williston), 1896a:288, fig. 60 (*Atarba*). Type-locality: Lesser Antilles: St. Vincent. Distr. — St. Vincent. Refs. — Alexander, 1913b:505; 1947b:95, fig. 28 (male hypopygium).
- PUER Alexander, 1913b:506, fig. 14 (wing) [*Gonomyia (Leiponeura)*]. Type-locality: Hispaniola: Dominican Republic. Distr. — Mexico, Guyana, Ecuador, Peru, Jamaica, Dominican Republic. Ref. — Alexander, 1916d:516, figs. 21 (wing), 63 (male hypopygium).
- PYENSONI Alexander, 1939c:441. Type-locality: Brazil, Amazonas, Manaus. Distr. — Brazil.
- RAMUS Alexander, 1943e:210. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- RASTRIFORMIS Alexander, 1946e:534. Type-locality: Mexico, Morelos, Cuernavaca. Distr. — Mexico.
- RECURVATA Alexander, 1941c:121, fig. 6 (male hypopygium) [*Gonomyia (Leiponeura)*]. Type-locality: Costa Rica, Alajuela. Distr. — Costa Rica, Ecuador.
- REYESI Alexander, 1946a:133. Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.

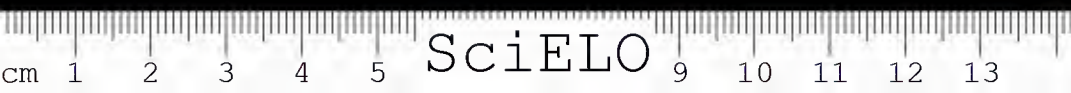


- RHADINOSTYLA** Alexander, 1964a:78, figs. 82 (wing), 86 (male hypopygium).
 Type-locality: Jamaica, St. Thomas, Bath. Distr. — Jamaica.
- SANA** Alexander, 1936d:763. Type-locality: Paraguay, Guaira, Villarrica.
 Distr. — Paraguay.
- SANDERSI** Alexander, 1931a:121. Type-locality: Cuba, Soledad. Distr. —
 Cuba.
- SCELERATA** Alexander, 1945i:254, fig. 5 (male hypopygium). Type-locality:
 Peru, Junín, Satipo, Jauja. Distr. — Peru.
- SCIMITAR** Alexander, 1914e:243 [*Gonomyia* (*Leiponeura*)]. Type-locality:
 Guyana, Bartica. Distr. — Guyana.
- SECESPITA** Alexander, 1936e:64. Type-locality: Brazil, Santa Catarina,
 Nova Teutônia. Distr. — Brazil.
- SENARIA** Alexander, 1943a:234, fig. 2 (male hypopygium). Type-locality:
 Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- SPICATA** Alexander, 1921d:83, fig. 3 (male hypopygium) [*Gonomyia* (*Leipo-
 neura*)]. Type-locality: Peru, Loreto, Napo River. Distr. — Peru.
- SPINITERGA** Alexander, 1948b:147. Type-locality: Brazil, São Paulo, Bora-
 céia. Distr. — Brazil. Ref. — Alexander, 1966c:487, fig. 14 (male
 hypopygium).
- SUBINERMIS** Alexander, 1939a:84. Type-locality: Mexico, Chiapas, Escuintla.
 Distr. — Mexico.
- SUBLUSTRALIS** Alexander, 1966c:487. Type-locality: Peru, Santa Margarita.
 Río Perené. Distr. — Peru.
- SUBSCIMITAR** Alexander, 1945o:605. Type-locality: Peru, Junín, Satipo,
 Jauja. Distr. — Peru. Ref. — Alexander, 1949c:613, fig. 34 (male
 hypopygium).
- SUBTERMINALIS** Alexander, 1927c:275. Type-locality: Puerto Rico, Luquillo
 National Forest. Distr. — Cuba, Puerto Rico. Ref. — Alexander,
 1932:374, fig. 24 (male hypopygium).
- SUBTRIBULATOR** Alexander, 1943i:754, fig. 9 (male hypopygium). Type-loca-
 lity: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- SUBTROILUS** Alexander, 1966c:488. Type-locality: Peru, Santa Margarita,
 Río Perené. Distr. — Peru.
- TAFIENSIS** Alexander, 1962b:357, figs. 18 (wing), 22 (male hypopygium).
 Type-locality: Argentina, Tucumán, Quebrada Cainzo, Tafi. Distr.
 — Argentina.
- TERGOFIMBRIATA** Alexander, 1928h:367. Type-locality: Guyana, Bartica. Distr.
 — Guyana.
- TERSA** Alexander, 1949d:263. Type-locality: Peru, Loreto, Pucallpa. Distr.
 — Peru. Ref. — Alexander, 1949c:613, fig. 35 (male hypopygium).
- TRIBULATOR** Alexander, 1942c:439, fig. 11 (male hypopygium). Type-locali-
 ty: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- TRIONYX** Alexander, 1949b:494, fig. 25 (male hypopygium). Type-locality:
 Brazil, São Paulo, São Paulo, Serra da Cantareira. Distr. —
 Brazil.
- TROILUS** Alexander, 1949d:262. Type-locality: Peru, Junín, Tarma, Utcuyacu.
 Distr. — Peru. Ref. — Alexander, 1949c:613, fig. 36 (male hypo-
 pygium).
- VEHEMENS** Alexander, 1949d:264. Type-locality: Peru, Junín, Tarma,
 Utcuyacu. Distr. — Peru. Ref. — Alexander, 1949c:613, fig. 37
 (male hypopygium).

VINDEX Alexander, 1941b:142. Type-locality: Venezuela, Carabobo, Borburata. Distr. — Venezuela. Ref. — Alexander, 1947e:73, fig. 12 (male hypopygium).

Subgenus NEOLIPOPHLEPS Alexander

- Gonomyia*, subg. NEOLIPOPHLEPS Alexander, 1947b:98. Type-species, *Dicranomyia cinerea* Doane (orig. des.).
- ACUMINATA Alexander, 1921d:77, fig. 1 (male hypopygium) [*Gonomyia Leiponeura*]. Type-locality: Peru, Loreto, Iquitos. Distr. — Peru, Argentina.
- AEQUIDENS Alexander, 1938e:396 [*Gonomyia (Lipophleps)*]. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico, Costa Rica.
- AEQUISPINOSA Alexander, 1926d:390 [*Gonomyia (Lipophleps)*]. Type-locality: Paraguay, Santa Barbara. Distr. — Paraguay.
- CONDENSA Alexander, 1938a:33 [*Gonomyia (Lipophleps)*]. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- EXTENUATA Alexander, 1945c:271, fig. 18 (male hypopygium) [*Gonomyia (Lipophleps)*]. Type-locality: Brazil, São Paulo, São Paulo, Serra da Cantareira. Distr. — Brazil.
- FALCIFERA Alexander, 1921d:79, fig. 2 (male hypopygium) [*Gonomyia (Leiponeura)*]. Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru.
- GLABRISPINA Alexander, 1926d:390 [*Gonomyia (Lipophleps)*]. Type-locality: Argentina, Riacho Pilaga. Distr. — Argentina.
- HELOPHILA Alexander, 1916c:343, figs. 1 (wing), 3 (male hypopygium) [*Gonomyia (Leiponeura)*]. Type-locality: Peru, Lima. Distr. — Mexico, Dominica, Central America to Peru. Refs. — Alexander, 1932:373, fig. 20 (male hypopygium); 1937b:190, fig. 9 (male hypopygium).
- MACHIAERIA Alexander, 1921d:79 [*Gonomyia (Leiponeura)*]. Type-locality: Peru, Loreto, Iquitos. Distr. — Peru.
- MONACANTHA Alexander, 1937b:184, fig. 8 (male hypopygium) [*Gonomyia (Lipophleps)*]. Type-locality: Puerto Rico, Vieques Island. Distr. — Puerto Rico.
- NEOFALCIFERA Alexander, 1943c:24 [*Gonomyia (Lipophleps)*]. Type-locality: Venezuela, Bolívar, Akurimán, Gran Sabana. Distr. — Venezuela.
- PLATYMERIA Alexander, 1939d:128, fig. 18 (male hypopygium) [*Gonomyia (Lipophleps)*; as *monacantha* ssp.]. Type-locality: Cuba, Soledad, near Cienfuegos. Distr. — Jamaica, Cuba. Ref. — Alexander, 1964a:79, fig. 84 (venation).
- SCHADEANA Alexander, 1935a:328 [*Gonomyia (Lipophleps)*]. Type-locality: Paraguay, Guairá, Villarrica. Distr. — Brazil, Paraguay.
- STRIGILIS Alexander, 1926a:165, fig. 14 (male hypopygium) [*Gonomyia (Lipophleps)*]. Type-locality: Mexico, between Coscomatepec and Tomatlán. Distr. — Mexico.
- SUBFALCIFERA Alexander, 1922c:44 [*Gonomyia (Leiponeura)*]. Type-locality: Paraguay, La Cordillera, San Bernardino. Distr. — Paraguay.
- TOPOENSIS Alexander, 1952a:133. Type-locality: Ecuador, Tungurahua, Upper Río Topo. Distr. — Ecuador.
- TRISPINOSA Alexander, 1921a:75 [*Gonomyia (Leiponeura)*]. Type-locality: Argentina, Jujuy, Ciudad. Distr. — Argentina.



Subgenus PARALIPOPHLEPS Alexander

- Gonomyia*, subg. PARALIPOPHLEPS Alexander, 1947b:97. Type-species, *Atarba pleuralis* Williston (orig. des.).
- AMAZONA Alexander, 1921e:418, figs. 1 (wing), 2 (male hypopygium) [*Gonomyia (Leiponeura)*]. Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Ecuador, Peru, Brazil.
- DIPLOCANTHA Alexander, 1966c:485. Type-locality: Peru, Santa Margarita, Río Perené. Distr. — Peru.
- CLADIATOR Alexander, 1919a:138, fig. 11 (wing) [*Gonomyia (Leiponeura)*]. Type-locality: Panama, Real de Santa Maria. Distr. — Panama.
- GUAYAQUILENSIS Alexander, 1938h:438. Type-locality: Ecuador, Guayas, Guayaquil. Distr. — Ecuador.
- HETEROMERA Alexander, 1942c:438, fig. 10 (male hypopygium) [*Gonomyia (Lipophleps)*]. Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru, Bolivia.
- INDOTATA Alexander, 1966b:701. Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- IATISTYLA Alexander, 1926a:165, fig. 15 (male hypopygium) [*Gonomyia (Lipophleps)*]. Type-locality: Mexico, Veracruz. Distr. — Mexico, Honduras.
- LEMNISCATA Alexander, 1931c:634 [*Gonomyia (Lipophleps)*]. Type-locality: Colombia, Magdalena, Mt. Santa Marta, Vista Nieve. Distr. — Colombia, Venezuela, Brazil.
- naiguatana* Alexander, 1940e:905, fig. 10 (male hypopygium) [*Gonomyia (Lipophleps)*]. Type-locality: Venezuela, Miranda, Naiguata, D.F., Los Canales.
- MICRACANTHA Alexander, 1926d:391 [*Gonomyia (Lipophleps)*]. Type-locality: Ecuador, Chimborazo, Pallatanga. Distr. — Ecuador.
- MICROMERA Alexander, 1945c:274, fig. 19 (male hypopygium) [*Gonomyia (Lipophleps)*]. Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- NEOBIFIDA Alexander, 1952f:327 (nom. nov. for *bifida* Alexander). Type-locality: Mexico, Tospán near Córdoba. Distr. — Mexico.
- bifida* Alexander, 1926a:167, fig. 17 (male hypopygium) [*Gonomyia (Lipophleps)*]; preocc. Tonnoir, 1920]. Type-locality: Mexico, Tospán near Córdoba.
- PERACUTA PERACUTA Alexander, 1928a:117 [*Gonomyia (Lipophleps)*]. Type-locality: Mexico, Chiapas, Santa Lucia. Distr. — Mexico. Ref. — Alexander, 1964a:79, figs. 83 (venation), 88 (male hypopygium).
- ssp. CONIFERA Alexander, 1941g:354 (also 1946h:101). Type-locality: Panama, Chiriquí, Potrerillos. Distr. — Costa Rica, Panama.
- PLEURALIS (Williston), 1896a:289 (*Atarba*). Type-locality: Lesser Antilles: St. Vincent. Distr. — Southeastern U.S.A., Bermuda, through Antilles to Peru, Brazil, Bolivia, Guyana. Refs. — Alexander, 1912e:419, figs. 3, 4 (male hypopygium); 1913b:504; 1916d:516, fig. 20 (wing); 1932:374; 1947c:97, fig. 23 (wing); 1964a:79, fig. 87 (male hypopygium); Johnson, 1913:443 (Bermuda).
- SPINISTYLA Alexander, 1926a:166, fig. 16 (male hypopygium) [*Gonomyia (Lipophleps)*]. Type-locality: Mexico, Chiapas. Distr. — Mexico, Brazil.

Subgenus PROGONOMYIA Alexander

- Gonomyia*, subg. *Gonomyella* Alexander, 1917b:152 (preocc. Meunier, 1899).
Type-species, *slossonae* Alexander (mon.)
- Gonomyia*, subg. PROGONOMYIA Alexander, 1920i:938 (nom. nov. for *Gonomyella* Alexander), Type-species, *slossonae* Alexander (aut.)
- ACANTHIAS Alexander, 1941a:247, fig. 7 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- ACRISSIMA Alexander, 1944a:53. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
- ADELA Alexander, 1949d:261. Type-locality: Peru, Huanuco, Chinchao. Distr. — Peru.
- ALTIVOLANS Alexander, 1942c:437, fig. 9 (male hypopygium). Type-locality: Peru, Huanuco, Piedra Grande. Distr. — Peru.
- ARGENTINENSIS Alexander, 1920f:216 [*Gonomyia* (*Gonomyella*)]. Type-locality: Argentina, Rioja. Distr. — Argentina.
- ATROAPICATA Alexander, 1938c:394. Type-locality: Mexico, Chiapas, Huixtla. Distr. — Mexico.
- BALZAPAMBAE Alexander, 1941d:124, fig. 9 (male hypopygium). Type-locality: Ecuador, Bolívar, Balzapamba. Distr. — Ecuador.
- BIFASCIOLATA Alexander, 1937c:531, fig. 8 (wing). Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Mexico, Panama, Cuba, Jamaica. Ref. — Alexander, 1964a:75, fig. 79 (venation).
- CATAMARCENSIS Alexander, 1941d:126, fig. 10 (male hypopygium). Type-locality: Argentina, Catamarca, Santa Maria. Distr. — Argentina.
- COMPACTA Alexander, 1941b:140. Type-locality: Venezuela, Carabobo, Borburata. Distr. — Venezuela. Ref. — Alexander, 1947e:73, fig. 9 (male hypopygium).
- DESTRUCTA Alexander, 1939c:440, figs. 7 (wing), 13 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Ref. — Alexander, 1947c:85, fig. 17 (wing).
- DOLOROSA Alexander, 1922c:41. Type-locality: Brazil, São Paulo, Iguape. Distr. — Brazil.
- ERIOPTERODES Alexander, 1926d:389. Type-locality: Paraguay, Santa Barbara. Distr. — Paraguay.
- FIELDI Alexander, 1966b:700. Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- FORCEPS Alexander, 1941e:250, fig. 8 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- HISTRIONICA Alexander, 1943i:748, fig. 6 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- HYPERPLATYS Alexander, 1944a:55. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
- MAESTA Alexander, 1921a:73 [*Gonomyia* (*Gonomyella*)]. Type-locality: Argentina, Jujuy, Ciudad. Distr. — Argentina.
- MAGISTRATA Alexander, 1949c:606, fig. 30 (male hypopygium). Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- OMINOSA Alexander, 1926d:388. Type-locality: Paraguay, Santa Barbara. Distr. — Paraguay.
- OVALIS Alexander, 1949c:609, fig. 31 (male hypopygium). Type-locality: Peru, Junín, Utcuyacu. Distr. — Peru, Bolivia.
- PARAENSIS Alexander, 1920b:7 [*Gonomyia* (*Gonomyella*)]. Type-locality: Brazil, Pará, Prata. Distr. — Brazil.

- PARAMOENSIS Alexander, 1944c:46, figs. 4 (wing), 7 (male hypopygium). Type-locality: Venezuela, Merida, Páramo La Negra. Distr. — Venezuela.
- PATRUELIIS Alexander, 1930b:117. Type-locality: Mexico, Payo Obispo (= Ciudad Chetumal), Quintana Roo. Distr. — Mexico.
- PERUVIANA Alexander, 1922c:42. Type-locality: Peru, Lima, Matucana. Distr. — Peru.
- PLATYMERELLA Alexander, 1947c:84 (nom. nov. for *platymera* Alexander). Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
platymera Alexander, 1943i:745, fig. 5 (male hypopygium) (preocc. Alexander, 1939). Type-locality: Peru, Ayacucho, La Mar, Ayna.
- PLEUROLINEATA Alexander, 1929d:784. Type-locality: Argentina, Catamarca, Quebrada Volcán at Agua Amarilla. Distr. — Argentina.
- QUINQUEPLAGIATA Alexander, 1931a:119. Type-locality: Brazil, Santa Catarina, Jaraguá. Distr. — Brazil, Argentina.
- SATURATA Alexander, 1937b:245. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- SAXICOLA Alexander, 1923b:182. Type-locality: Argentina, Córdoba, La Granja, Alta Gracia. Distr. — Argentina.
- SERENA Alexander, 1922c:43. Type-locality: "South America". Distr. — South America.
- SLOSSONAE Alexander, 1914g:588, fig. 26 (wing). Type-locality: Panama, Canal Zone, Paraiso. Distr. — Southeastern U.S.A., Mexico, Panama, Jamaica. Ref. — Alexander, 1964a:76, fig. 80 (wing).
- SUBCOSTATA Alexander, 1919a:137, fig. 10 (wing) [*Gonomyia* (*Gonomyella*)]. Type-locality: Panama, Río Chico. near mouth of Río Porcona. Distr. — Panama.
- SUBSATURATA Alexander, 1942i:67, figs. 36 (wing), 37 (male hypopygium). Type-locality: Brazil, São Paulo, Cabeceiras do M'Boy Guaçu. Distr. — Brazil.
- SYNCHROA SYNCHROA Alexander, 1929a:180, figs. 100 (wing), 221 (male hypopygium). Type-locality: Argentina, Rio Negro, Lake Correntoso. Distr. — Argentina.
- ssp. SETOSIVENA Alexander, 1929a:181. Type-locality: Chile, Valparaíso. Marga-Marga. Distr. — Chile.
- TESSELATA Alexander, 1943i:749. Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- THIOSEMA Alexander, 1921c:164 [*Gonomyia* (*Gonomyella*)]. Type-locality: Argentina, Tucumán, Famailla. Distr. — Argentina.
- VELUTINA Alexander, 1916a:18, pl. 2, figs. 9, 10 (wing). Type-locality: Peru, Lima, Matucana. Distr. — Peru.
- WEISERI Alexander, 1920f:215 [*Gonomyia* (*Gonomyella*)]. Type-locality: Argentina, Jujuy, Cueva Iturbe. Distr. — Argentina.

Genus GYMNASTES Brunetti

- GYMNASTES Brunetti, 1911:281. Type-species, *violacea* Brunetti (mon.) = *cyaneus* (Edwards).

Subgenus PARAGYMNASTES Alexander

- PARAGYMNASTES Alexander, 1922g:583 (as genus). Type-species, *Limnobia fascipennis* Thomson (orig. des.).

PEREXQUISITA Alexander, 1938f:256. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Refs. — Alexander, 1939c:439, figs. 8 (wing), 14 (male hypopygium); 1947b:81, fig. 14 (wing).

Genus JIVAROMYIA Alexander

JIVAROMYIA Alexander, 1943h:493. Type-species, *problematica* Alexander (orig. des.).

PROBLEMATICA Alexander, 1943h:494, figs. 3 (wing), 10 (male hypopygium). Type-locality: Ecuador, El Oro, Morro Morro, Las Pinas. Distr. — Ecuador. Ref. — Alexander, 1947b:81, fig. 15 (wing).

Genus LIPSOTHRIX Loew

LIPSOTHRIX Loew, 1873:67, 69. Type-species, *nobilis* Loew (Alexander, 1965d:77) (Western Palaearctic).

NEOTROPICA Alexander, 1940c:114. Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama. Ref. — Alexander, 1947b:99, fig. 31 (wing).

Genus MAIETTA Alexander

MAIETTA Alexander, 1929a:184. Type-species, *squamigera* Alexander (orig. des.). Ref. — Alexander, 1947c:338.

SQUAMIGERA Alexander, 1929a:185, figs. 104 (wing), 233 (male hypopygium), 234 (ovipositor). Type-locality: Chile, Mechuque Is. Distr. — Chile.

TRIMEDIA Alexander, 1966c:493. Type-locality: Chile, Chiloé Is., Chepu. Distr. — Chile. Ref. — Alexander, 1968a:30, figs. 19 (wing), 20 (male hypopygium).

Genus MOLOPHILUS Curtis

MOLOPHILUS Curtis, 1833: pl. 444. Type-species, *brevipennis* Curtis (mon.) = *ater* (Meigen). [See note in Alexander, 1965d:88].

Archimolophilus Enderlein, 1940:669. Type-species, *selkirkianus* Enderlein (mon.). Ref. — Alexander, 1947c:338, figs.

Subgenus EUMOLOPHILUS Alexander

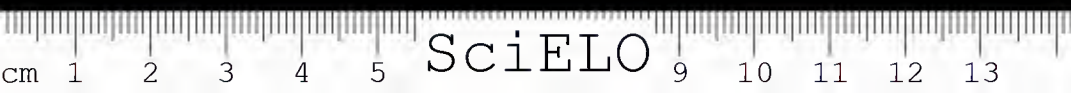
Molophilus, subg. EUMOLOPHILUS Alexander, 1921d:72. Type-species, *thau-mastopodus* Alexander (orig. des.).

ANGUSTIOR Alexander, 1936a:21. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.

PENNIPES Alexander, 1921d:72. Type-locality: Brazil, ? Santa Felipe. Distr. — Brazil, Peru.

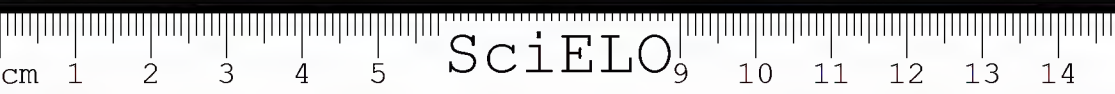
SABETHOIDES Edwards, 1927:45. Type-locality: Brazil, Mato Grosso, Chapada [dos Guimarães]. Distr. — Brazil.

THAUMASTOPODUS Alexander, 1913b:510, fig. 12 (wing). Type-locality: Brazil, Pará. Distr. — Brazil.

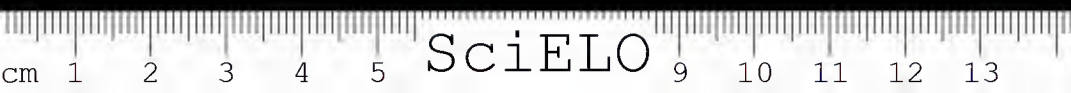


Subgenus *MOLOPHILUS* Curtis

- AMPHIACANTHUS* Alexander, 1952c:64, fig. 30 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra, Alto Francés. Distr. — Chile.
- ANERASTA* Alexander, 1934a:71. Type-locality: Panama, Chiriqui, Finca Palo Alto. Distr. — Panama.
- ANTIMENUS* Alexander, 1952c:65, fig. 31 (male hypopygium). Type-locality: Chile, Juan Fernández, Masafuera, Quebrada de las Vacas. Distr. — Chile.
- APICIDENS* Alexander, 1951c:16, fig. 9 (male hypopygium). Type-locality: Chile, Malleco, Curacautín. Distr. — Chile.
- APPRESSOPINUS* Alexander, 1952c:65, fig. 32 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra, Alto Francés. Distr. — Chile.
- APPRESSUS* Alexander, 1929a:213, fig. 252 (male hypopygium). Type-locality: Argentina, Rio Negro, Lake Correntoso. Distr. — Argentina.
- ARAUCANUS* Alexander, 1929a:219, fig. 259 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Chile.
- ARCIFERUS* Alexander, 1952c:66, fig. 33 (male hypopygium). Type-locality: Chile, Juan Fernández, Masafuera, Quebrada de las Vacas. Distr. — Chile.
- ARMATISTYLUS* Alexander, 1929a:204, fig. 240 (male hypopygium). Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Argentina, Chile.
- ASCENDENS* Alexander, 1945e:242, fig. 7 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- AVITUS* Alexander, 1952d:248. Type-locality: Ecuador, Tungurahua, Upper Río Topo. Distr. — Ecuador.
- AXILLISPINUS* Alexander, 1962c:155, fig. 136 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia.
- BELLICOSUS* Alexander, 1929a:216, fig. 255 (male hypopygium). Type-locality: Argentina, Rio Negro, Puerto Blest. Distr. — Argentina, Chile.
- BELLONA* Alexander, 1946c:539. Type-locality: Mexico, Morelos, Guernavaca, Harmsen's Place. Distr. — Mexico.
- BICAUDATUS* Alexander, 1929a:210, fig. 248 (male hypopygium). Type-locality: Argentina, Rio Negro, Lake Correntoso. Distr. — Argentina.
- EDIGITATUS* Alexander, 1931c:642. Type-locality: Brazil, Santa Catarina, Jaraguá. Distr. — Brazil.
- IERIGI* Alexander, 1947c:344, fig. 20 (male hypopygium). Type-locality: Costa Rica, San Pedro de Montes de Oca. Distr. — Costa Rica.
- BINARIUS* Alexander, 1968a:31, fig. 21 (male hypopygium). Type-locality: Chile, Magallanes, Las Piedras. Distr. — Chile.
- BREVILOBATUS* Alexander, 1938i:281. Type-locality: Chile, Villa Portales, Pinares de Lonquimai. Distr. — Chile.
- BREVIRAMUS* Alexander, 1929a:208, fig. 244 (male hypopygium). Type-locality: Argentina, Rio Negro, Viedma. Distr. — Argentina.
- BREVISPINOSUS* Alexander, 1929a:205, fig. 239 (male hypopygium). Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Argentina, Chile.
- BROWNIANUS* Alexander, 1945a:37. Type-locality: Ecuador, Tungurahua, Minza Chica. Distr. — Ecuador. Ref. — Alexander, 1945L:393, fig. 22 (male hypopygium).



- BRUCHI Alexander, 1923b:182. Type-locality: Argentina, Palo Blanco, La Plata. Distr. — Argentina.
- CAENOSUS Alexander, 1936e:66. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- CALCEATUS Alexander, 1929a:208, fig. 245 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Chile.
- CANOPUS Alexander, 1952c:68, fig. 34 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra, Plazoleta del Yunque. Distr. — Chile.
- CAPRICORNIS Alexander, 1916a:19, pl. 1, fig. 9 (wing), pl. 4, fig. 3 (male hypopygium). Type-locality: Colombia, Magdalena, La Cumbre. Distr. — Colombia, Peru.
- CARPISHENSIS Alexander, 1949c:615, fig. 40 (male hypopygium). Type-locality: Peru, Huanuco, Carpish. Distr. — Peru, Bolivia. Ref. — Alexander, 1962c:153, fig. 138 (male hypopygium).
- CATAMARCENSIS Alexander, 1921e:292. Type-locality: Argentina, Catamarca, Punta de Balasto. Distr. — Argentina. Ref. — Alexander, 1952e:87, fig. 8 (male hypopygium).
- CAUTUS Alexander, 1947c:345, fig. 21 (male hypopygium). Type-locality: Brazil, São Paulo. Distr. — Brazil.
- CERVUS Alexander, 1929a:211, fig. 249 (male hypopygium). Type-locality: Argentina, Rio Negro, Lake Correntoso. Distr. — Argentina, Chile.
- CHIRIQUIENSIS Alexander, 1934a:72. Type-locality: Panama, Chiriqui, Finca Lerida. Distr. — Panama.
- CLADOCERUS Alexander, 1921c:163. Type-locality: Argentina, Tucumán, Arroyo Famaila. Distr. — Argentina.
- CLAVIGERUS Alexander, 1929a:219, fig. 258 (male hypopygium). Type-locality: Argentina, Rio Negro, Lake Gutiérrez. Distr. — Argentina.
- COLOSSUS Alexander, 1929a:215, figs. 109 (wing), 254 (male hypopygium). Type-locality: Argentina, Rio Negro, Río Nirico. Distr. — Argentina, Chile.
- COMPACTUS Alexander, 1950a:55, figs. 33 (wing), 38 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- CONSCRIPTUS Alexander, 1938d:337. Type-locality: Colombia, Cundinamarca, Fusagasugá. Distr. — Colombia.
- DEBILIOR Alexander, 1943b:126. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- DEBILISTYLUS Alexander, 1937c:500. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- DEFOEANUS Alexander, 1952c:69, fig. 35 (male hypopygium). Type-locality: Chile, Juan Fernández, Masafuera, Inocentes Altos. Distr. — Chile.
- DICEROS Alexander, 1944i:134. Type-locality: Chile, Malleco, Caracutín, Termas Río Blanco. Distr. — Chile.
- DIDO Alexander, 1943d:138, fig. 4 (male hypopygium). Type-locality: Venezuela, Mérida, Apartaderos. Distr. — Venezuela.
- DILATUS Alexander, 1951c:10, fig. 4 (male hypopygium). Type-locality: Chile, Malleco, Curacutín, Termas de Río Blanco. Distr. — Chile.



- DIRHABDA** Alexander, 1949b:496, fig. 26 (male hypopygium). Type-locality: Brazil, São Paulo, Campos do Jordão, Homem Morto. Distr. — Brazil.
- DIRUS** Alexander, 1943a:242, fig. 5 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.
- DISTIFURCUS** Alexander, 1952c:70, fig. 36 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra, Plazolcta del Yunque. Distr. — Chile.
- DIZYGUS** Alexander, 1962c:156, fig. 137 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare. Distr. — Bolivia.
- DREPANUCHUS** Alexander, 1929a:209, fig. 246 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Chile.
- DUCTILIS** Alexander, 1938e:408. Type-locality: Mexico, Chiapas, Finca Victoria. Distr. — Mexico.
- ECHO** Alexander, 1952d:254. Type-locality: Chile, Malleco, Curacautín, Termas de Río Blanco. Distr. — Chile. Ref. — Alexander, 1952b:114 (as 1951), fig. 13 (male hypopygium).
- EMARGINATUS** Alexander, 1937d:501. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- ERECTUS** Alexander, 1953b:22, fig. 20 (male hypopygium). Type-locality: Chile, Chiloé Is., Aulén. Distr. — Chile.
- EUMONOSTYLUS** Alexander, 1952b:112, fig. 10 (male hypopygium). Type-locality: Chile, Chiloé Is., Aucar. Distr. — Chile.
- EXEMPTUS** Alexander, 1953b:19, fig. 18 (male hypopygium). Type-locality: Chile, Chiloé Is., Aucar. Distr. — Chile.
- FAGETORUM** Alexander, 1929a:212, fig. 250 (male hypopygium). Type-locality: Argentina, Río Negro, Lake Correntoso. Distr. — Chile, Argentina.
- FALX** Alexander, 1938e:410. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico.
- FILIOIUS** Alexander, 1952c:70, figs. 28 (ovipositor), 37 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra, Miradero de Selkirk. Distr. — Chile.
- FILIUS** Alexander, 1952c:71, figs. 29 (ovipositor), 38 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra, Miradero de Selkirk. Distr. — Chile.
- FLAVEXEMPTUS** Alexander, 1968a:31, fig. 22 (male hypopygium). Type-locality: Chile, Chaihuín. Distr. — Chile.
- FLAVIDUS** Alexander, 1914b:205, pl. 9, fig. 2 (male hypopygium). Type-locality: Chile, Concepción. Distr. — Argentina, Chile. Ref. — Alexander, 1929a:202, fig. 236 (male hypopygium).
- FLEMINGI** Alexander, 1950a:55, fig. 39 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- FLEXILISTYLUS** Alexander, 1931c:639. Type-locality: Colombia, Magdalena, Mt. Santa Marta, La Cumbre. Distr. — Colombia.
- FLINTI** Alexander, 1967c:380. Type-locality: Chile, Magallanes, Las Piedras. Distr. — Chile. Ref. — Alexander, 1968a:33, fig. 23 (male hypopygium).
- FORTIDENS** Alexander, 1951c:12, fig. 6 (male hypopygium). Type-locality: Chile, Malleco, Curacautín, Termas de Río Blanco. Distr. — Chile.
- FURCUS** Alexander, 1951c:14, figs. 7, 7A (male hypopygium). Type-locality: Chile, Malleco, Curacautín, Termas de Río Blanco. Distr. — Chile.

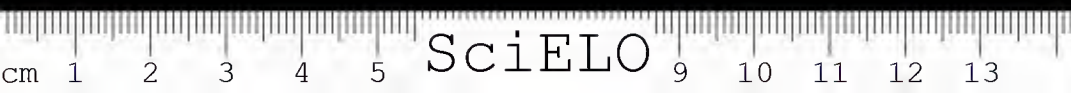


- FUSCOLEURALIS Alexander, 1927d:317. Type-locality: Mexico, near summit of the Zontchuitz. Distr. — Mexico.
- GARGANTUA Alexander, 1941e:256. Type-locality: Peru, Junín, Tarma, Huasahuasi. Distr. — Peru.
- GOMESI Alexander, 1942h:435, figs. 15 (wing), 19 (male hypopygium). Type-locality: Brazil, Rio de Janeiro, Ribeirão das Lajes. Distr. — Brazil.
- GRUS Alexander, 1941e:262, fig. 16 (male hypopygium). Type-locality: Peru, Junín, Tarma, Carpapata. Distr. — Peru.
- GUATEMALENSIS Alexander, 1913b:511. Type-locality: Guatemala (probably Guatemala City). Distr. — Guatemala.
- GYMNOCLADUS Alexander, 1928c:183. Type-locality: Chile, Concepción. Distr. — Chile.
- HAAGI Alexander, 1946b:245, figs. 21 (wing), 27 (male hypopygium). Type-locality: Mexico, Michoacán, Cerro Taneitaro. Distr. — Mexico.
- HONESTUS Alexander, 1923b:181. Type-locality: Argentina, Córdoba, La Granja, Alta Gracia. Distr. — Argentina.
- HYPERARMATUS Alexander, 1939f:183, fig. 22.3 (male hypopygium). Type-locality: Chile, Malleco, Curacautín, Termas de Río Blanco. Distr. — Chile.
- HYSTRIX Alexander, 1939c:443, fig. 16 (male hypopygium). Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- ILLECTUS Alexander, 1941g:355 (also 1946h:103). Type-locality: Panama, Chiriquí, Potrerillos. Distr. — Panama.
- INARMATUS Alexander, 1939f:182, fig. 22.2 (male hypopygium). Type-locality: Chile, Malleco, Curacautín, Termas de Río Blanco. Distr. — Chile.
- INCOGNITUS Alexander, 1946e:540. Type-locality: Mexico, Morcillos, Cuernavaca. Distr. — Mexico.
- INDURABILIS Alexander, 1966c:494, fig. 18 (male hypopygium). Type-locality: Chile, Arauco, Nahuelbuta, Caramavida. Distr. — Chile.
- INFLEXIBILIS Alexander, 1929a:203, fig. 238 (male hypopygium). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina.
- INTEGRISTYLUS Alexander, 1945j:37, fig. 16 (male hypopygium). Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- ISOLATUS Alexander, 1952d:253. Type-locality: Chile, Malleco, Curacautín, Termas de Río Blanco. Distr. — Chile. Ref. — Alexander, 1952b:115, fig. 14 (male hypopygium).
- LANEI Alexander, 1945c:276, fig. 21 (male hypopygium). Type-locality: Brazil, São Paulo, Amparo, Fazenda São Bento. Distr. — Brazil.
- LATEROSPINOSUS Alexander, 1929a:206, fig. 242 (male hypopygium). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina.
- LAURI Alexander, 1945j:39, fig. 17 (male hypopygium). Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- LEONURUS Alexander, 1951c:17, fig. 10 (male hypopygium). Type-locality: Chile, Malleco, Curacautín. Distr. — Chile.
- LERIONIS Alexander, 1945e:241, fig. 6 (male hypopygium). Type-locality: Brazil, Guanabara, Rio de Janeiro, Alto da Boa Vista. Distr. — Brazil.
- LETHAEUS Alexander, 1952b:115, fig. 15 (male hypopygium). Type-locality: Chile, Chiloé Is., Chepu. Distr. — Chile.
- LICTOR Alexander, 1938d:336. Type-locality: Colombia, Cundinamarca, Fugasagugá. Distr. — Colombia.



- LUXURIOSUS Alexander, 1938d:335. Type-locality: Colombia, Usme. Distr. — Colombia.
- MAGELLANICUS Alexander, 1968a:33, fig. 24 (male hypopygium). Type-locality: Chile, Magallanes, Las Piedras. Distr. — Chile.
- MARTHAE Alexander, 1931c:641. Type-locality: Colombia, Magdalena, Mt. Santa Marta, Vista Nieve. Distr. — Colombia.
- MASAFUERA Alexander, 1952c:72, fig. 39 (male hypopygium). Type-locality: Chile, Juan Fernández, Masafuera, Quebrada de las Vacas. Distr. — Chile.
- MELANOLEUCUS Alexander, 1952d:247. Type-locality: Bolivia, Cochabamba, Yungas de Cristal Mayu. Distr. — Bolivia.
- METUENDUS Alexander, 1951c:11, fig. 5 (male hypopygium). Type-locality: Chile, Malleco, Curacautín. Distr. — Chile.
- MIRACULUS Alexander, 1938e:408. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico.
- MONOCTENUS Alexander, 1951c:15, fig. 8 (male hypopygium). Type-locality: Chile, Malleco, Curacautín, Termas de Río Blanco. Distr. — Chile.
- MONOSTYLOIDES Alexander, 1951c:7, fig. 1 (male hypopygium). Type-locality: Chile, Malleco, Curacautín. Distr. — Chile.
- MONOSTYLUS Alexander, 1928c:182. Type-locality: Chile, Concepción. Distr. — Chile. Ref. — Alexander, 1947c:347, fig. 22 (male hypopygium).
- MULTIFIDUS Alexander, 1952c:73, figs. 30 (wing), 40 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra, Bahía Cumberland. Distr. — Chile.
- NAHUEL BUTAE Alexander, 1966c:496, fig. 19 (male hypopygium). Type-locality: Chile, Arauco, Nahuelbuta, Caramavida. Distr. — Chile.
- NEODICEROS Alexander, 1966c:497, fig. 20 (male hypopygium). Type-locality: Chile, Arauco, Nahuelbuta, Palo Botado, Contulmo. Distr. — Chile.
- NEOFACINUS Alexander, 1964b:283 (nom. nov. for *facinus* Alexander). Type-locality: Venezuela, Mérida, Río Chama. Distr. — Venezuela.
- facinus* Alexander, 1943d:140, fig. 5 (male hypopygium) (preocc. Alexander, 1940). Type-locality: Venezuela, Mérida, Río Chama.
- NEPTUNUS Alexander, 1952c:74, fig. 41 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra, Miradero de Selkirk. Distr. — Chile.
- OBEDIENS Alexander, 1927d:316. Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.
- OBLIVIOSUS Alexander, 1953b:20, fig. 19 (male hypopygium). Type-locality: Chile, Chiloé Is., Aucar. Distr. — Chile.
- OLIGOTRICHUS Alexander, 1954a:43, fig. 9 (male hypopygium). Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- ORION Alexander, 1914c:119, figs. 4 (wing), 9 (male hypopygium). Type-locality: Costa Rica, Alajuela. Distr. — Costa Rica.
- OTHELLO Alexander, 1941c:257, fig. 12 (male hypopygium). Type-locality: Peru, Junín, Tarma, Carapata. Distr. — Peru, Bolivia.
- OZOTUS Alexander, 1968a:34, fig. 25 (male hypopygium). Type-locality: Chile, Ríoanco. Distr. — Chile.
- PACIFER Alexander, 1947a:183. Type-locality: Costa Rica, San Matco, Higuito. Distr. — Costa Rica. Ref. — Alexander, 1947c:347, fig. 23 (male hypopygium).

- PAGANUS Alexander, 1942c:445, fig. 13 (male hypopygium). Type-locality: Peru, Huanuco, Piedras Grandes. Distr. — Peru.
- PALA Alexander, 1941e:261, fig. 15 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huasahuasi. Distr. — Peru, Bolivia. Ref. — Alexander, 1962c:158, fig. 139 (male hypopygium).
- PALLATANGENSIS Alexander, 1929d:787. Type-locality: Ecuador, Chimborazo, Pallatanga. Distr. — Ecuador.
- PALLIDUS (Philippi), 1865:616 (*Erioptera?*). Type-locality: Chile, Aconcagua, Catemu. Distr. — Chile. (Identity uncertain).
- PANCHRESTUS Alexander, 1941c:260, fig. 14 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- PANSUS Alexander, 1968a:34, fig. 26 (male hypopygium). Type-locality: Chile, Puerto Fui. Distr. — Chile.
- PARADICEROS Alexander, 1966c:498, fig. 21 (male hypopygium). Type-locality: Chile, Arauco, Nahuelbuta, Butamalal. Distr. — Chile.
- PARAGUAYENSIS Alexander, 1929d:787. Type-locality: Paraguay, Guairá, Villarrica. Distr. — Paraguay.
- PASTORIS Alexander, 1960:18. Type-locality: Chile, Chiloé Is., Aucar. Distr. — Chile.
- PAUCISPINOSUS Alexander, 1925a:351, fig. 20 (male hypopygium). Type-locality: Mexico, México, D.F., Desierto de los Leones. Distr. — Mexico.
- PECTINATUS Alexander, 1928d:220. Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Chile. Ref. — Alexander, 1947c:347, fig. 24 (male hypopygium).
- PECTINIFERUS Alexander, 1952c:74, fig. 42 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra, Miradero de Selkirk. Distr. — Chile.
- PENAI Alexander, 1951c:8, fig. 2 (male hypopygium). Type-locality: Chile, Malleco. Curacautín, Termas de Río Blanco. Distr. — Chile.
- PENICILLATUS Alexander, 1941e:264, fig. 17 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huasahuasi. Distr. — Peru.
- PENNATUS Alexander, 1927d:318. Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.
- PERDEBILIS Alexander, 1943i:764, fig. 15 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- PEREXTENSUS Alexander, 1951c:9, fig. 3 (male hypopygium). Type-locality: Chile, Malleco, Curacautín, Termas de Río Blanco. Distr. — Chile.
- PERFIDUS Alexander, 1929a:214, fig. 253 (male hypopygium). Type-locality: Argentina, Río Negro, Puerto Blest. Distr. — Argentina, Chile.
- PERSEUS Alexander, 1913c:201, pl. 6, fig. 4 (male hypopygium). Type-locality: Colombia, Cauca, Valle de las Papas. Distr. — Colombia.
- PERSINUOSUS Alexander, 1941e:259, fig. 13 (male hypopygium). Type-locality: Peru, Junín, Tarma, Carpapata. Distr. — Peru. Ref. — Alexander, 1947b:339, fig. 19 (wing).
- PERTENUS Alexander, 1952d:250. Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- PHALLODONTUS Alexander, 1968a:35, fig. 27 (male hypopygium). Type-locality: Chile, Enco. Distr. — Chile.
- PHALLOSOMICUS Alexander, 1939c:442, fig. 15 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- PIGER Alexander, 1942c:446, fig. 14 (male hypopygium). Type-locality: Peru, Junín, Tarma, Carpapata. Distr. — Peru, Bolivia.



- PIRIONI PIRIONI Alexander, 1929a:217, figs. 110 (wing), 257 (male hypopygium). Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Chile, Argentina.
- ssp. *OMISSUS* Alexander, 1929a:218. Type-locality: Argentina, Río Negro, Lake Correntoso. Distr. — Chile, Argentina.
- PLANITAS Alexander, 1952d:249. Type-locality: Bolivia, Cochabamba, Cristal Mayu. Distr. — Bolivia.
- PLATYPHALLUS Alexander, 1942e:261. Type-locality: Ecuador, Manabí, Palmar. Distr. — Ecuador.
- PRETIOSUS Alexander, 1929a:210, fig. 247 (male hypopygium). Type-locality: Chile, Chiloé Is., Castro. Distr. — Chile.
- PROCAX Alexander, 1946e:538. Type-locality: Mexico, Morelos, Cuernavaca. Distr. — Mexico.
- PULVINUS Alexander, 1943a:244. Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- PUSTULATUS Alexander, 1946a:139. Type-locality: Mexico, Chiapas, Nueva America. Distr. — Mexico.
- QUADRISTYLUS Alexander, 1922c:38. Type-locality: "Brazil". Distr. — Brazil.
- RAPTOR Alexander, 1947c:347, fig. 25 (male hypopygium). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil.
- RECTISPINUS Alexander, 1952c:75, fig. 43 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra, Miradero de Selkirk. Distr. — Chile.
- REMIGER Alexander. 1922c:39. Type-locality: "Brazil". Distr. — Brazil.
- RETORSUS Alexander, 1939a:88. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico.
- RICHARDSI Alexander, 1929a:216, fig. 256 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile, Argentina.
- RUBIDITHORAX RUBIDITHORAX Alexander. 1929a:212, fig. 251 (male hypopygium). Type-locality: Argentina, Río Negro, Lake Gutiérrez. Distr. — Chile, Argentina.
- ssp. *EXCAVATUS* Alexander, 1952b:114. Type-locality: Chile, Malleco, Río Blanco. Distr. — Chile.
- SAGAX Alexander, 1938e:409. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico.
- SAGITTARIUS Alexander, 1914b:207, pl. 9, fig. 4 (male hypopygium). Type-locality: Bolivia, Yungas de Coroico. Distr. — Peru, Bolivia.
- SCABRICORNIS Alexander, 1942i:69, fig. 38 (male hypopygium). Type-locality: Brazil, São Paulo, Cabeceiras do M'Boy Guaçu. Distr. — Brazil.
- SCHULTZEI Alexander, 1946b:246, fig. 28 (male hypopygium). Type-locality: Mexico, Guerrero. Distr. — Mexico.
- SELKIRKIANUS (Enderlein), 1940:669, fig. 40 (wing) (*Archimolophilus*). Type-locality: Chile, Juan Fernández, Masatierra. Distr. — Chile. Ref. — Alexander, 1952c:76.
- SERRULATUS Alexander, 1929a:207, fig. 243 (male hypopygium). Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Chile.
- SETOSISTYLUS Alexander, 1952d:251. Type-locality: Chile, Malleco, Curautín, Termas de Río Blanco. Distr. — Chile. Ref. — Alexander, 1952b:113, fig. 11 (male hypopygium).
- SEVERUS Alexander, 1925a:350, fig. 19 (male hypopygium). Type-locality: Mexico, México, D.F., Desierto de los Leones. Distr. — Mexico.

- SHANNONINUS Alexander, 1947a:182. Type-locality: Argentina, Tucumán. Distr. — Argentina.
- SICARIUS SICARIUS Alexander, 1929b:99. Type-locality: Peru, Junín, Tarma, Huacapistana, Río Tarma. Distr. — Peru. Ref. — Alexander, 1962c:153, fig. 140A (male hypopygium).
- ssp. PARTITUS Alexander, 1941e:265. Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru. Ref. — Alexander, 1962c:153, 140B (male hypopygium).
- SPARSISPINUS Alexander, 1952d:252. Type-locality: Chile, Malleco, Curacautín. Distr. — Chile. Ref. — Alexander, 1952b:114, fig. 12 (male hypopygium).
- SPONSUS Alexander, 1954d:150. Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- STENOPTERUS Alexander, 1935b:104, figs. 6 (wing), 7 (male hypopygium). Type-locality: Chile, Malleco, Angol. Distr. — Chile.
- STENORHABDA Alexander, 1960:20. Type-locality: Chile, Chiloé Is., Río Coluco. Distr. — Chile.
- STYLIFER Alexander, 1921e:292. Type-locality: Argentina, Catamarca, Ampajango. Distr. — Argentina.
- STYX Alexander, 1952c:76, fig. 44 (male hypopygium). Type-locality: Chile, Juan Fernández, Masafuera, Inocentes Altos. Distr. — Chile.
- SUBAPPRESSUS Alexander, 1939f:181, fig. 22.1 (male hypopygium). Type-locality: Chile, Malleco, Curacautín. Termas de Río Blanco. Distr. — Chile.
- SUBEXEMPTUS Alexander, 1968a:95. Type-locality: Chile, Arauco, Nahuelbuta. Distr. — Chile. Ref. — Alexander, 1968b:33, fig. 28 (male hypopygium).
- SUBFALCATUS Alexander, 1940e:906. Type-locality Venezuela, Miranda, Río Chacaito. Distr. — Venezuela.
- SUBIRATUS Alexander, 1947c:348, fig. 26 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- SUBLICTOR Alexander, 1939e:635, fig. 16 (male hypopygium). Type-locality: Costa Rica, Talamanca, Pedregoso. Distr. — Costa Rica.
- SUBSAGAX Alexander, 1939a:87. Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.
- SUBSTYLIFER Alexander, 1929d:786. Type-locality: Argentina, Catamarca, Bolsón. Distr. — Argentina.
- SUBTENEBRICOSUS Alexander, 1931c:640. Type-locality: Colombia, Magdalena, Mt. Santa Marta, Vista Nieve. Distr. — Colombia.
- TALAMANCENSIS Alexander, 1947c:350. Type-locality: Costa Rica, Talamanca, El Muerto. Distr. — Costa Rica.
- TAURUS Alexander, 1914b:206, pl. 9, fig. 1 (male hypopygium). Type-locality: Chile, O'Higgins, Rancagua. Distr. — Chile.
- TEHUELICHE Alexander, 1968a:36, fig. 29 (male hypopygium). Type-locality: Chile, Magallanes, Las Piedras. Distr. — Chile.
- TELERHABDA Alexander, 1946e:541. Type-locality: Mexico, Guanajuato, Irapuato. Distr. — Mexico.
- TENEBRICOSUS Alexander, 1916a:20, pl. 1, fig. 10 (wing), pl. 4, fig. 4 (male hypopygium). Type-locality: Colombia, Magdalena, Mt. Santa Marta, La Cumbre. Distr. — Colombia.
- TERGOSPINOSUS Alexander, 1966e:499, fig. 22 (male hypopygium). Type-locality: Chile, Arauco, Nahuelbuta, Pichinahuel. Distr. — Chile.

- TERNARIUS Alexander, 1929a:205, fig. 241 (male hypopygium). Type-locality: Argentina, Río Negro, Lake Correntoso. Distr. — Chile, Argentina.
- TETRACANTHUS Alexander, 1929a:203, fig. 237 (male hypopygium). Type-locality: Argentina, Río Negro, Puerto Blest. Distr. — Argentina.
- TITAN Alexander, 1928b:58. Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Chile.
- TRIDENS Alexander, 1952c:77, fig. 45 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra, Bahía Cumberland. Distr. — Chile.
- TRIDIGITATUS Alexander, 1947c:351, fig. 27 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- TRIFIBRA Alexander, 1954a:42, fig. 8 (male hypopygium). Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- TRIPARCUS Alexander, 1944f:33, fig. 6 (male hypopygium). Type-locality: Brazil, Minas Gerais, Alto Caparaó. Distr. — Brazil.
- TUCUMANUS Alexander, 1929a:97. Type-locality: Argentina, Tucumán, Parque Aconquija. Distr. — Bolivia, Argentina.
- UNIFORMIS (Blanchard), 1852:343 (*Erioptera*). Type-locality: Chile, Coquimbo, La Serena. Distr. — Chile. Identity unknown.
- VARIATUS Alexander, 1952c:78, fig. 46 (male hypopygium). Type-locality: Chile, Juan Fernández, Masafuera, Inocentes Bajos. Distr. — Chile.
- WALKERI Alexander, 1931c:640. Type-locality: Colombia, Magdalena, Mt. Santa Marta, Vista Nieve. Distr. — Colombia.
- YUNQUENSIS Alexander, 1952c:78, fig. 47 (male hypopygium). Type-locality: Chile, Juan Fernández, Masatierra, Plazoleta del Yunque. Distr. — Chile.

Subgenus RHYNCHOMOLOPHILUS Alexander

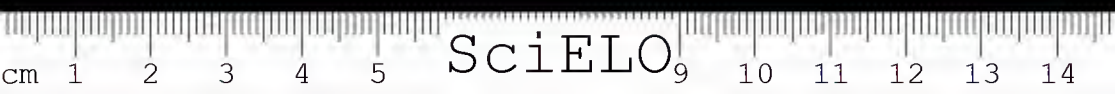
- Molophilus*, subg. RHYNCHOMOLOPHILUS Alexander, 1965a:407. Type-species, *perrostratus* Alexander (orig. des.).
- FERROSTRATUS Alexander, 1965a:407. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru. Ref. — Alexander, 1966c:499.

Subgenus TRICHOMOLOPHILUS Alexander

- Molophilus*, subg. TRICHOMOLOPHILUS Alexander, 1936d:768. Type-species, *multisetosus* Alexander (orig. des.). Ref. — Alexander, 1947c:344.
- CELATOR Alexander, 1942h:436, fig. 20 (male hypopygium). Type-locality: Brazil, Rio de Janeiro. Distr. — Brazil.
- MULTISETOSUS Alexander, 1936d:768. Type-locality: Brazil, Rio de Janeiro, Itatiaia. Distr. — Brazil.
- TENTATOR Alexander, 1947c:352, fig. 28 (male hypopygium). Type-locality: Brazil, Rio de Janeiro, Nova Friburgo, Sítio Bonfim, Serra dos Órgãos. Distr. — Brazil.

Genus NEOGNOPHOMYIA Alexander

- Gnophomyia*, subg. NEOGNOPHOMYIA Alexander, 1926c:391. Type-species, *Gnophomyia hirsuta* Alexander (orig. des.).
- Neognophomyia*; Alexander, 1947b:81, fig. 16.



- ADARA Alexander, 1949c:602, fig. 27 (male hypopygium). Type-locality: Ecuador, Tungurahua, Baños, Río Blanco. Distr. — Ecuador.
- RISECTA (Alexander), 1920a:72 (*Gnophomyia*). Type-locality: Brazil, Amazonas, Parintins. Distr. — Brazil.
- BISSETOSA Alexander, 1944g:307, fig. 7 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- CITRIPES Alexander, 1945i:257. Type-locality: Peru, Loreto, Iquitos. Distr. — Peru.
- COCHLEARIS Alexander, 1945a:31. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- COLOMBICOLA Alexander, 1931c:636. Type-locality: Colombia, Magdalena, Mt. Santa Marta, Vista Nieve. Distr. — Colombia.
- CONSOCIATA Alexander, 1942e:259. Type-locality: Ecuador, Manabí, Palmar. Distr. — Ecuador.
- CRASSISTYLA Alexander, 1966c:483. Type-locality: Peru, Cuzco, Quincemil along the Marcapata River. Distr. — Peru.
- CUZCOENSIS Alexander, 1966c:484. Type-locality: Peru, Cuzco, Quincemil along the Marcapata River. Distr. — Peru.
- DEBILITATA Alexander, 1949c:604, fig. 28 (male hypopygium). Type-locality: Peru, Loreto, Contamana. Distr. — Peru.
- HELMCONIAE Alexander, 1945b:57. Type-locality: Panama, Canal Zone, Barro Colorado Is. Distr. — Panama.
- HIRSUTA (Alexander), 1913b:523, fig. 30 (wing) (*Gnophomyia*). Type-locality: Brazil, Rio de Janeiro. Distr. — Brazil.
- HOSTICA Alexander, 1943i:760, fig. 12 (male hypopygium). Type-locality: Peru, Junín, Tarma, Tulumayo Valley. Distr. — Peru.
- IMMACULIPENNIS (Alexander), 1926c:392 [*Gnophomyia* (*Neognophomyia*)]. Type-locality: Paraguay, San Bernardino. Distr. — Brazil, Paraguay.
- INTERRUPTA Alexander, 1944a:52. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- LATIFASCIA (Alexander), 1926c:392 [*Gnophomyia* (*Neognophomyia*)]. Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru.
- MONOPHORA Alexander, 1941b:146. Type-locality: Venezuela, Carabobo, San Esteban. Distr. — Venezuela.
- OBTUSILAMINA Alexander, 1952a:131. Type-locality: Peru, Huanuco, Fundo Sinchono, Cordillera Azul. Distr. — Peru.
- PANAMENSIS Alexander, 1930b:116. Type-locality: Panama, Tonosi, Los Santos. Distr. — Panama.
- PAPRZYCKIANA Alexander, 1944g:306, fig. 6 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru. Ref. — Alexander, 1962c:139, fig. 116 (wing).
- PERVICAX (Alexander), 1914b:208, pl. 9, fig. 7 (wing) (*Gnophomyia*). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- PINCKERTI Alexander, 1962c:139, figs. 117 (wing), 120 (male hypopygium). Type-locality: Bolivia, Santa Cruz, General Saavedra. Distr. — Bolivia.
- PRODUCTISSIMA Alexander, 1944h:382. Type-locality: Costa Rica, Talamanca, Pedregoso. Distr. — Costa Rica.
- SCAPHA Alexander, 1945a:33. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.

- SCAPHOIDES Alexander, 1952a:131. Type-locality: Peru, Huanuco, Fundo Sinchono, Cordillera Azul. Distr. — Peru.
- SCHILDI Alexander, 1945h:288. Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica. Ref. — Alexander, 1947b:81, fig. 16 (wing).
- SETLOBATA Alexander, 1949c:605, fig. 29 (male hypopygium). Type-locality: Peru, Loreto, Cerro Azul. Distr. — Peru.
- SPARSISETA Alexander, 1945i:256. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- SPECTRALIS Alexander, 1944a:51. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
- TRINITATIS Alexander, 1927c:277. Type-locality: Trinidad, Port of Spain. Distr. — Trinidad.

Genus NEOLIMNOPHILA Alexander

- Limnophila*, subg. NEOLIMNOPHILA Alexander, 1920h:37. Type-species, *ultima* Osten Sacken (orig. des.) (Nearctic).
- Neolimnophila*; Alexander, 1965d:72.
Ref. — Alexander, 1947b:66.
- ANDICOLA Alexander, 1942c:424. Type-locality: Peru, Ayacucho, La Mar, Yanamonte. Distr. — Peru.

Genus NEOPHILIPPIANA Alexander

- Philippiana* Alexander, 1929a:175 (preocc. Wagner, 1897). Type-species, *egregia* Alexander (orig. des.).
- NEOPHILIPPIANA Alexander, 1964b:282 (nom. nov. for *Philippiana* Alexander). Type-species, *Philippiana egregia* Alexander (aut.).
- EGREGIA (Alexander), 1929a:177, pl. 5, fig. 97 (wing), pl. 10, figs. 216-218 (male hypopygium) (*Philippiana*). Type-locality: Argentina, Rio Negro, Lake Gutiérrez. Distr. — Chile, Argentina. Ref. — Alexander, 1947b:67, fig. (wing).

Genus QUECHUAMYIA Alexander

- QUECHUAMYIA Alexander, 1943h:495. Type-species, *phantasma* Alexander (orig. des.).
- PHANTASMA Alexander, 1943h:496, figs. 6-9 (wing), 11 (male hypopygium). Type-locality: Ecuador, El Oro, Morro Morro, Las Pinas. Distr. — Ecuador.

Genus RHABDOMASTIX Skuse

- RHABDOMASTIX Skuse, 1890a:828. Type-species, *ostensackeni* Skuse (mon.) (Australasian). Ref. — Alexander, 1947c:318, fig. 1 (wing).

Subgenus RHABDOMASTIX Skuse

- ALTICOLA Alexander, 1944g:310. Type-locality: Peru, Ayacucho. La Mar. Yanamonte. Distr. — Peru.



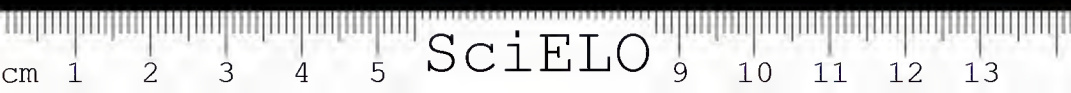
- CHILOTA Alexander, 1929a:183, fig. 102 (wing). Type-locality: Chile, Chiloé, Is., Ancud. Distr. — Chile.
- ILLUDENS Alexander, 1914b:210, pl. 9, fig. 6 (venation). Type-locality: Bolivia, Yungas de Coroico. Distr. — Bolivia.
- ISABELLA Alexander, 1927d:315. Type-locality: Mexico, Chiapas, Santa Isabel. Distr. — Mexico.
- LONGITEREBRATA Alexander, 1938e:405. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico.
- LUTEOLA Alexander, 1944g:308. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- MEXICANA Alexander, 1938e:404. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico.
- PERGLABRATA Alexander, 1962c:152, fig. 134 (wing). Type-locality: Bolivia, Santa Cruz, General Saavedra. Distr. — Bolivia.
- PERUVIANA Alexander, 1926d:387. Type-locality: Peru, Lima. Distr. — Peru.
- POSTICATA Alexander, 1929a:183, figs. 103 (wing), 222 (male hypopygium). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile.
- SATIPOENSIS Alexander, 1944g:309. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- SEPTEMTRIONALIS Alexander, 1914c:119, pl. 2, fig. 3 (wing). Type-locality: Costa Rica, Alajuela. Distr. — Costa Rica.
- TANTILLA Alexander, 1938e:440. Type-locality: Colombia, Meta, Restrepo. Distr. — Colombia.
- UNIPUNCTA Alexander, 1944j:158, fig. 3 (wing). Type-locality: Venezuela, Trujillo. Distr. — Venezuela.

Subgenus SACANDAGA Alexander

- SACANDAGA Alexander, 1911b:349 (as genus). Type-species, *flava* Alexander (orig. des.) (Nearctic).
- CAPARAENSIS Alexander, 1944f:32, fig. 3 (wing). Type-locality: Brazil, Minas Gerais, Alto Caparaó. Distr. — Brazil.
- FUMIPENNIS Alexander, 1939d:99, fig. 9 (wing). Type-locality: Lesser Antilles: Dominica, Sylvania Estate. Distr. — Dominica.
- INTERMEDIA Alexander, 1929a:182, fig. 101 (wing). Type-locality: Argentina, Rio Negro, Lake Gutiérrez. Distr. — Chile, Argentina.
- PARVULA Alexander, 1947c:321 (nom. nov. for *parva* Alexander). Type-locality: Jamaica, Blue Mts., Yallahs Valley. Distr. — Dominican Republic, Jamaica.
- parva* Alexander, 1913b:508, fig. 9 (wing) (*Sacandaga*; preocc. Siebke, 1863). Type-locality: Jamaica, Blue Mts., Yallahs Valley. Ref. — Alexander, 1964a:74, figs. 75 (wing), 76 (male hypopygium).
- PLAUMANNI Alexander, 1947c:321, figs. 1 (wing), 2 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- SYNCLERA Alexander, 1928d:219. Type-locality: Chile, Valparaíso, Marga-Marga. Distr. — Chile.

Genus SIGMATOMERA Osten Sacken

- SIGMATOMERA Osten Sacken, 1869:137. Type-species, *flavipennis* [sub. mon., Osten Sacken in Loew 1873:ix (additions to vol. IV)].
Refs. — Alexander, 1930a (biology); 1947b:68.



Subgenus AUSTROLIMNOBIA Alexander

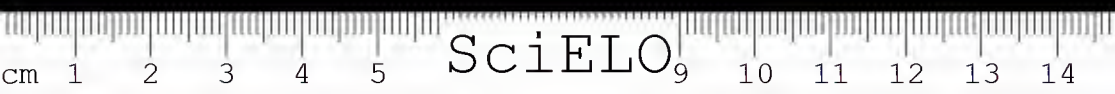
- AUSTROLIMNOBIA Alexander, 1922e:239 (as genus). Type-species, *spectabilis* Alexander (orig. des.) (Australian).
Gnophomyia, subg. *Astelobia* Edwards, 1923:297. Type-species, *Tipula rufa* Hudson (orig. des.) (New Zealand).
 BULLOCKI (Alexander), 1935b:103, fig. 5 (wing) (*Astelobia*). Type-locality: Chile, Malleco, Angol. Distr. — Chile.
 MAGNIFICA (Alexander), 1913b:522, fig. 31 (wing) (*Gnophomyia*). Type-locality: Mexico, Morelos, Cuernava. Distr. — Mexico.
 MAIAE (Alexander), 1929a:178, figs. 89 (wing), 219 (male hypopygium) (*Astelobia*). Type-locality: Chile, Chiloé Is., Ancud. Distr. — Chile.
 PLAUMANNIANA Alexander, 1938a:32 [*Sigmatomera* (*Astelobia*)]. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
 WOYTKOWSKIANA Alexander, 1941c:241. Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.

Subgenus EUFURINA Alexander

- Furina* Jaennicke, 1867:318 (preocc. Duméril, 1853). Type-species, *Limnobia rufithorax* Wiedemann (mon.).
Sigmatomera, subg. *EUFURINA* Alexander, 1946f:307 (nom. nov. for *Furina* Jaennicke). Type-species, *Limnobia rufithorax* Wiedemann (aut.).
 RUFITHORAX (Wiedemann), 1828:548 (*Limnobia*). Type-locality: "Brazil". Distr. — Brazil, Bolivia. Ref. — Alexander, 1962c:136, figs. 114 (wing), 118 (male hypopygium).

Subgenus SIGMATOMERA Osten Sacken

- AEQUINOCTIALIS Alexander, 1937c:496. Type-locality: Ecuador, Napo-Pastaza, Hdaila(?), Río Anzu (= R. Ansupi). Distr. — Ecuador.
 AMAZONICA Westwood, 1881:366, figs. 3a (entire insect), 3b (head), 3c (wing), 3d (leg). Type-locality: Brazil, Amazonia. Distr. — Brazil. Refs. — Alexander, 1920c:142; 1930a:158, figs. 2 (ovipositor), 3 (wing).
 ANGUSTIROSTRIS Alexander, 1947b:69, fig. 4 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
 APICALIS Alexander, 1914e:246, pl. 3, fig. 9 (wing). Type-locality: Guyana, Bartica. Distr. — Guyana. Ref. — Alexander, 1930a:158, fig. 5 (wing).
 BEEBEI Alexander, 1950a:52, figs. 28 (wing), 34 (male hypopygium). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
 FELIX Alexander, 1956b:120. Type-locality: Peru, Cuzco, Santa Isabel. Distr. — Peru.
 FLAVIPENNIS Osten Sacken in Loew, 1873:ix [additions to vol. IV]. Type-locality: "Mexico". Distr. — Mexico. Refs. — Alexander, 1930a:158, fig. 8 (wing); 1947b:67, fig. 3 (wing).
 GEIJSKESANA Alexander, 1946f:305. Type-locality: Surinam, Paramaribo. Distr. — Surinam.
 OCCULTA Alexander, 1914b:209, pl. 9, fig. 5 (wing). Type-locality: Paraguay, Asunción, Villa Morra. Distr. — Brazil, Paraguay. Refs.



- Alexander, 1930a:158, fig. 7 (wing); Riedel, 1921. biology (as *flavipennis*).
- PICITIPENNIS** Alexander, 1937b:243. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- SEGUYI** Alexander, 1930a:159, fig. 6 (wing). Type-locality: "Costa Rica". Distr. — Costa Rica.
- SHANNONIANA** Alexander, 1930a:158, figs. 1 (ovipositor), 4 (wing). Type-locality: Brazil, Bahia. Distr. — Brazil. Ref. — Alexander, 1930a (biology).
- VARICORNIS** Alexander, 1936a:18. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.

Genus STYRINGOMYIA Loew

- STYRINGOMYIA** Loew, 1845:6. Type-species, *venusta* Loew (fossil in copal) (mon.).
- Styringia* Berendt, 1845:57, misspell. Ref. — Alexander, 1947c:354.
- AMERICANA** Alexander, 1914c:231, pl. 4, fig. 1 (wing). Type-locality: Guyana. Mallali. Distr. — British Honduras, Costa Rica, Colombia, Venezuela, Guyana, Surinam, Ecuador, Bolivia. Ref. — Alexander, 1945i:241, fig. 8 (male hypopygium).
- DORSOLINEATA** Alexander, 1945n:419. Type-locality: Ecuador, El Oro, Morro Morro. Distr. — Ecuador.
- MYSTICA** Alexander, 1945i:261, fig. 7 (male hypopygium). Type-locality: Peru, Junin, Satipo, Jauja. Distr. — Peru. Ref. — Alexander, 1947c:355, fig. 29 (wing).
- PAULISTA** Alexander, 1946c:7, figs. 5 (wing), 8 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- SIMPLEX** Alexander, 1945i:263, fig. 9 (male hypopygium). Type-locality: Guyana, Bartica. Distr. — Guyana, Peru, Bolivia.

Genus TASIOCERA Skuse

- TASIOCERA** Skuse, 1890a:815. Type-species, *tenuicornis* Skuse (Alexander, 1920g:52) (Australasian).

Subgenus DASYMOLOPHILUS Goetghebuer

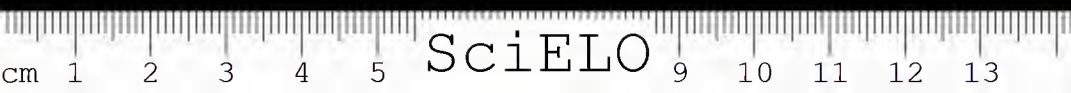
- Molophilus*, subg. **DASYMOLOPHILUS** Goetghebuer in Goetghebuer & Tonnoir, 1920:132. Type-species, *Erioptera murina* Meigen (mon.) (Western Palaearctic).
- BORACEAE** Alexander, 1954a:41, fig. 7 (male hypopygium). Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil.
- BREVICORNIS** Alexander, 1929a:198, figs. 108 (wing), 235 (male hypopygium). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Chile.

Genus TEUCHOLABIS Osten Sacken

- TEUCHOLABIS** Osten Sacken, 1859:222. Type-species, *complexa* Osten Sacken (mon.) (Nearctic). Refs. — Alexander, 1927e:17; 1946g:375.

Subgenus EUPARATROPEA Alexander

- Teucholabis*, subg. **EUPARATROPEA** Alexander, 1946g:378. Type-species, *Paratropesa jactans* Alexander (orig. des.).



- AMATRIX Alexander, 1945c:268, fig. 13 (wing) [*Teucholabis* (*Paratropesa*)]. Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- AMOENA (Alexander), 1922c:47 (*Paratropesa*). Type-locality: "Venezuela". Distr. — Venezuela.
- ANGUSTIFASCIA Alexander, 1968c:217. Type-locality: Peru, Cuzco, Quince-mil. Distr. — Peru.
- FASCIOLARIS (Wiedemann), 1828:552 (*Limnobia*). Type-locality: "Brazil". Distr. — Brazil.
- FUMIDAPICALIS FUMIDAPICALIS Alexander, 1942c:425, fig. 7 (wing) [*Teucholabis* (*Paratropesa*)]. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- ssp. LAETABILIS Alexander, 1952a:123 [*Teucholabis* (*Paratropesa*)]. Type-locality: Bolivia, Cochabamba, Yungas de Cristal Mayu. Distr. — Bolivia.
- HIETEROPODA Alexander, 1943a:227 [*Teucholabis* (*Paratropesa*)]. Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Peru.
- INVENUSTA Alexander, 1946g:382, fig. 1 (wing). Type-locality: Costa Rica, Cartago, La Suiza de Turrialba. Distr. — Costa Rica.
- JACTANS (Alexander), 1913e:447, fig. 10 (wing) (*Paratropesa*). Type-locality: Brazil, Rio de Janeiro, Teresópolis. Distr. — Brazil.
- LAETIFICA Alexander, 1948b:139. Type-locality: Peru, Loreto, Yarinacocha, near Pucallpa on Upper Ucayali River. Distr. — Peru.
- LINDNERI Alexander, 1933:42, figs. 1 (wing), 2 (male hypopygium) [*Teucholabis* (*Paratropesa*)]. Type-locality: Bolivia, Santa Cruz, El Cairo. Distr. — Bolivia.
- MARTINEZI Alexander, 1962c:141, figs. 121 (wing), 124 (male hypopygium). Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- PRAENOBILIS Alexander, 1945i:246 [*Teucholabis* (*Paratropesa*)]. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- SANGUINOLENTA Alexander, 1938a:35 [*Teucholabis* (*Paratropesa*)]. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- XYSTOPHANES (Alexander), 1921c:165 (*Paratropesa*). Type-locality: Argentina, Tucumán, Quebrada Famailla. Distr. — Argentina.

Subgenus EUTEUCHOLABIS Alexander

- Teucholabis*, subg. EUTEUCHOLABIS Alexander, 1946g:378. Type-species, *paradoxa* Alexander (orig. des.).
- NEPENTHE Alexander, 1946g:384, fig. 3 (wing). Type-locality: Brazil, Rio de Janeiro, Angra dos Reis. Distr. — Brazil.
- PARADOXA Alexander, 1913e:445, pl. 16, fig. 8 (wing). Type-locality: Peru, Callanga. Distr. — Peru.

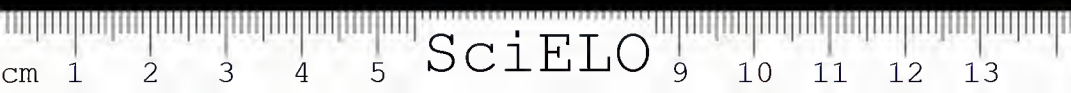
Subgenus PARATROPESA Schiner

- PARATROPESA Schiner, 1866:932. Type-species, *singularis* Schiner (orig. des.).
- CHALYBEIA Alexander, 1927e:18. Type-locality: Colombia, El Líbano. Distr. — Colombia.
- COLLARIS (Osten Sacken), 1887b:190 (*Paratropesa*). Type-locality: "Brazil". Distr. — Brazil, Peru. Ref. — Alexander, 1913e:447, pl. 16, fig. 9 (wing).
- LANEANA Alexander, 1959:447, fig. 1 (male hypopygium). Type-locality: Brazil, Amapá, Serra do Navio. Distr. — Brazil.

- NEOCOLLARIS Alexander, 1944k:606. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- NIGROCOXALLIS Alexander, 1936d:764. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- NODULIFERA Alexander, 1949a:103. Type-locality: Peru, Huanuco, Sinchono. Distr. — Peru. Ref. — Alexander, 1949c:593, fig. 1 (male hypopygium).
- PARACOLLARIS Alexander, 1945i:248. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- PLACABILIS Alexander, 1941c:335, fig. 4 (wing). Type-locality: Costa Rica, Talamanca, Pedregoso, Valley of the General. Distr. — Costa Rica.
- PRAEUSTA (Osten Sacken), 1886a:8 (*Paratropesa*). Type-locality: Mexico, Jalapa. Distr. — Mexico. Ref. — Alexander, 1927e:19.
- SINGULARIS (Schiner), 1868:46 (*Paratropesa*). Type-locality: Venezuela (as "Colombia"). Distr. — Venezuela. Ref. — Alexander, 1927e:17.
- SUBCOLLARIS Alexander, 1940a:288. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador.

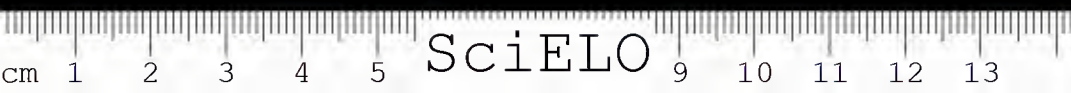
Subgenus TEUCHOLABIS Osten Sacken

- AEQUINIGRA Alexander, 1941g:351 (also 1946h:98). Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- AMAPANA Alexander, 1959:449, fig. 2 (male hypopygium). Type-locality: Brazil, Amapá, Serra do Navio. Distr. — Brazil.
- AMBLYPHALLOS Alexander, 1966b:695. Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- ANALIS Alexander, 1954d:146. Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- ANGUSTAPICALIS Alexander, 1938c:329. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- ANNULATA Williston, 1896a:290. Type-locality: Lesser Antilles: St. Vincent. Distr. — Guyana, St. Vincent.
- ANTHRACINA Alexander, 1921d:85. Type-locality: Peru, Loreto, Napo River. Distr. — Venezuela, Ecuador, Peru. Ref. — Alexander, 1949c:593, fig. 2 (male hypopygium).
- ARGENTEA Alexander, 1927e:21. Type-locality: Brazil, Santa Catarina, Blumenau. Distr. — Brazil.
- ATAHUALPA Alexander, 1968a:25, fig. 12 (male hypopygium). Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- ATRIPENNIS Alexander, 1940a:289. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Río Pastaza. Distr. — Ecuador.
- ATROLATA Alexander, 1948b:140. Type-locality: Panama, Canal Zone, Barro Colorado Is. Distr. — Panama.
- AUDAX Alexander, 1913a:44, fig. d (wing). Type-locality: Panama, Canal Zone. Distr. — Panama.
- AZUAYENSIS Alexander, 1945p:764. Type-locality: Ecuador, Azuay, Cuenca. Distr. — Ecuador.



- BIACIFERA Alexander, 1949b:486, figs. 17 (wing), 21 (male hyogogygium).
Type-locality: Brazil, São Paulo, São Paulo, Serra da Cantareira.
Distr. — Brazil.
- BIDENTIFERA BIDENTIFERA Alexander, 1966b:696. Type-locality: Honduras.
Lancetilla. Distr. — Honduras.
- ssp. MELANOPHALLUS Alexander, 1968b:92. Type-locality: Ecuador,
Balao Chico, Río Frío. Distr. — Ecuador.
- BIGLADIUS Alexander 1942c:429, fig. 2 (male hypopygium). Type-locality:
Peru, Huanuco, Afilador. Distr. — Peru.
- BIRAMOSA Alexander, 1940a:291. Type-locality: Ecuador, Napo-Pastaza,
Abitagua, Río Pastaza. Distr. — Ecuador.
- BREVISETOSA Alexander, 1941e:246, figs. 3 (wing), 6 (male hypopygium).
Type-locality: Peru, Junín, Tarma, Carpapata. Distr. — Peru.
- BRUNERI Alexander. 1926b:227. Type-locality: Cuba, Oriente, Sierra Maes-
tra, Pico Turquino. Distr. — Cuba.
- CATHARINENSIS Alexander, 1931a:117. Type-locality: Brazil, Santa Catari-
na, Jaraguá. Distr. — Brazil.
- CHALYBEIVENTRIS (Loew), 1861:33 (*Rhamphidia*). Type-locality: "Cuba".
Distr. — Cuba, Jamaica. Ref. — Alexander, 1964a:69, figs. 70
(wing), 77 (male hypopygium).
- CINEREICEPS Alexander, 1928a:115. Type-locality: Mexico, Pena Blanca.
Distr. — Mexico.
- CIRCUMSCRIPTA Alexander, 1945h:279. Type-locality: Costa Rica, Cartago,
Turrialba. Distr. — Costa Rica.
- COCKERELLAE Alexander, 1915b:442, fig. 2 (wing). Type-locality: Guatema-
la, Quirigua. Distr. — Mexico, Guatemala, Costa Rica, Vene-
zuela.
- COLOMELANIA Alexander, 1968b:91. Type-locality: Peru, Cuzco, Quincemil.
Distr. — Peru.
- CUNEIFORMIS Alexander, 1947a:178. Type-locality: Guyana, Bartica. Distr.
Guyana.
- CYBELE Alexander, 1954d:147. Type-locality: Bolivia, Cochabamba, Chapa-
re, Locotal, El Limbo. Distr. — Bolivia.
- DAMPMI Alexander, 1927d:308. Type-locality: Mexico, summit of one of the
mountains of the Moshbiquil Range. Distr. — Mexico.
- DECORA Alexander, 1920a:71. Type-locality: Brazil, Pará, Igarapé-Açu.
Distr. — Peru, Brazil.
- DEDECORA Alexander, 1936d:766. Type-locality: Brazil, Santa Catarina,
Nova Teutônia. Distr. — Brazil.
- DENUDA Alexander, 1943h:492, fig. 4 (male hypopygium). Type-locality:
Ecuador, El Oro, Morro Morro, Las Pinas. Distr. — Ecuador.
- DESDEMONA Alexander, 1949a:106. Type-locality: Peru, Loreto, Pucallpa.
Distr. — Peru. Ref. — Alexander, 1949c:593, fig. 4 (male hypo-
pygium).
- DIANA Alexander, 1944k:608. Type-locality: Ecuador, Santiago-Zamora,
Río Zamora, Zumbi. Distr. — Ecuador.
- DILEUCA Alexander, 1947a:179. Type-locality: Guatemala, Quirigua. Distr.
Guatemala.
- DIPLACA Alexander, 1945h:281. Type-locality: Panama, Canal Zone, Barro
Colorado Is. Distr. — Panama.
- DISTIFURCA Alexander, 1943b:125. Type-locality: Ecuador, Napo-Pastaza,
Abitagua. Distr. — Ecuador.

- DUCALIS Alexander, 1949a:104. Type-locality: Peru, Huanuco, Sinchona. Distr. — Peru, Bolivia. Ref. — Alexander, 1949c:593, fig. 3 (male hypopygium).
- DUIDENSIS Alexander, 1931b:15, fig. 10 (wing). Type-locality: Venezuela. Mt. Duida. Distr. — Venezuela.
- EGENS Alexander, 1952a:124. Type-locality: Bolivia, Cochabamba, Yungas de Cristal Mayu. Distr. — Bolivia.
- ELISSA Alexander, 1948b:144. Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.
- FLAVITHORAX (Wiedemann), 1821:43 (*Limnobia*). Type-locality: "Brazil". Distr. — Brazil, Peru. Refs. — Alexander, 1927e:25; Enderlein, 1912:70, fig. S1 (wing).
- FLAVOFIMBRIA Alexander, 1968b:92. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- FOERSTERI Alexander, 1952e:91, figs. 6 (wing), 8 (male hypopygium). Type-locality: Argentina, Misiones. Distr. — Argentina.
- FORMOSISSIMA Alexander, 1946g:385, fig. 2 (wing). Type-locality: Costa Rica, Turrialba. Distr. — Costa Rica.
- FULGENS Alexander, 1913e:440, pl. 16, fig. 2 (wing). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- FULVINOTA Alexander, 1962c:143, fig. 126 (male hypopygium). Type-locality: Bolivia, Espiritu, Río Yacuma. Distr. — Bolivia.
- FURVA Alexander, 1930b:112. Type-locality: Guatemala, San José, Lago Petén. Distr. — Guatemala.
- FUSCOAPICALIS Alexander, 1937d:612. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- GALATEA Alexander, 1949b:484, figs. 16 (wing), 20 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- GOWDEYI GOWDEYI Alexander, 1928g:25, fig. 1 (male hypopygium). Type-locality: Jamaica, Hope Gardens. Distr. — Cuba, Jamaica. Ref. — Alexander, 1964a:70, fig. 71 (wing).
- ssp. NIGROTERMINALIS Alexander, 1932:386. Type-locality: Cuba, Pinar del Río, Sierra Rangel. Distr. — Cuba.
- GRACILIS Osten Sacken, 1886a:7. Type-locality: Mexico, Orizaba. Distr. — Mexico, Panama.
- buscki Alexander, 1915b:442, fig. 3 (wing). Type-locality: Panama, Porto Bello.
- HIERA Alexander, 1949d:260. Type-locality: Peru, Junín, Tarma, Utcuyacu. Distr. — Peru. Ref. — Alexander, 1949c:593, fig. 5 (male hypopygium).
- HILARIS Alexander, 1913e:443, pl. 16, fig. 6 (wing). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- HOMILACANTHA Alexander, 1968c:218. Type-locality: Ecuador, San Mateo, Esmeraldas. Distr. — Ecuador.
- HONDURENSIS Alexander, 1941c:336, figs. 5 (wing), 7 (male hypopygium). Type-locality: Honduras, Minas de Oro. Distr. — Honduras.
- HYPOMELA Alexander, 1948b:142. Type-locality: Peru, Yahuar Mayo, Distr. — Peru.
- IDIOPHALLUS Alexander, 1942c:435, fig. 6 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- IMMACULIPLEURA Alexander, 1946g:399, fig. 7 (wing). Type-locality: Puerto Rico, Villalba. Distr. — Puerto Rico.
- INCA Alexander, 1968a:26, fig. 13 (male hypopygium). Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.



- INEPTA *INEPTA* Alexander, 1942c:434, fig. 5 (male hypopygium). Type-locality: Peru, Huanuco, Pumahuasi. Distr. — Peru.
- ssp. *BISETOSA* Alexander, 1945a:31. Type-locality: Ecuador, Napo-Pastaza, Río Huagra Yacu. Distr. — Ecuador.
- INULTA Alexander, 1936d:765. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- INVARIPES Alexander, 1936a:19. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- JALISCANA Alexander, 1946g:394, fig. 11 (male hypopygium). Type-locality: Mexico, Santa Cruz, Jalisco, near Zapotiltéc. Distr. — Mexico.
- JIVARO Alexander, 1944k:610. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- JOCOSA Alexander, 1913e:440, pl. 16, fig. 3 (wing). Type-locality: Bolivia, Yungas de Coroico. Distr. — Colombia, Venezuela, Ecuador, Peru, Brazil, Bolivia, Argentina.
- JUCUNDA Alexander, 1913e:441, pl. 16, fig. 4 (wing). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- LAETA Alexander, 1913e:442, pl. 16, fig. 5 (wing). Type-locality: Bolivia, Cuticucho, Yungas de Songo Valley. Distr. — Peru, Bolivia.
- LADIS Alexander, 1966b:697. Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- LAIIS Alexander, 1946g:397, fig. 13 (male hypopygium). Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica.
- LATEROSPINOSA Alexander, 1937d:615. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- LATIBASALIS Alexander, 1968b:93. Type-locality: Ecuador, Tena, Libertad. Distr. — Ecuador.
- LAUTA Alexander, 1949d:256. Type-locality: Peru, Huanuco, Fundo Sinchono. Distr. — Peru, Bolivia. Ref. — Alexander, 1949c:593, fig. 6 (male hypopygium).
- LAXA Alexander, 1946g:359, figs. 6 (wing), 12 (male hypopygium). Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica.
- LEONORA Alexander, 1938c:328. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- LERIDENSIS Alexander, 1934a:69. Type-locality: Panama, Chiriqui, Finca Lerida. Distr. — Panama.
- LETHE Alexander, 1946g:388, figs. 4 (wing), 9 (male hypopygium). Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica.
- LINEIPLEURA Alexander, 1949d:257. Type-locality: Peru, Huanuco, Fundo Sinchono. Distr. — Peru. Ref. — Alexander, 1949c:594, fig. 7 (male hypopygium).
- LIPONEURA Alexander, 1937d:610. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- LIPOPHLEPS Alexander, 1937d:611. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- LONGISETOSA Alexander, 1941e:244, figs. 2 (wing), 5 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru.
- LONGISPINA Alexander, 1938b:357. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- LUDICRA Alexander, 1949d:254. Type-locality: Peru, Loreto, Cerro Azul. Distr. — Peru. Ref. — Alexander, 1949c:594, fig. 8 (male hypopygium).
- LUGUBRIS Alexander, 1914e:234, pl. 4, fig. 2 (wing). Type-locality: Guyana, Bartica. Distr. — Guyana.

- LUTECOLOR Alexander, 1942c:431, fig. 3 (male hypopygium). Type-locality: Peru, Huanuco, Afilador. Distr. — Ecuador, Peru.
- MANNIANA Alexander, 1946g:390, fig. 5 (wing). Type-locality: Honduras Lombardía. Distr. — Honduras.
- MARTICOLA Alexander, 1931c:633. Type-locality: Colombia, Magdalena, Mt. Santa Marta. Distr. — Colombia.
- MEGAPHALLUS Alexander, 1968c:219. Type-locality: Colombia, Mount Redondo. Distr. — Colombia.
- MELANOCEPHALA (Fabricius), 1794:241 (*Tipula*). Type-locality: "South America". Distr. — Guyana, French Guiana, Peru, Brazil. Ref. — Alexander, 1914e:233, pl. 3, fig. 7 (wing).
- MENDAX Alexander, 1920b:5. Type-locality: Brazil, Pará, Prata. Distr. — Surinam, Peru, Brazil.
- MINIATA Alexander, 1930b:114. Type-locality: Panama, Changuinola. District. Distr. — Panama.
- MINUTA Alexander, 1926a:168, fig. 6 (wing). Type-locality: Mexico, Veracruz. Distr. — Mexico.
- MOLESTA Osten Sacken, 1886a:6. Type-locality: Mexico, Veracruz, Orizaba. Distr. — Mexico.
- MORIONELLA (Schiner), 1868:47 (*Paratropesa*). Type-locality: "South America." Distr. — Venezuela. Refs. — Alexander, 1927e:22; 1944j:154.
- MULTISPINOSA Alexander, 1944j:154, fig. 5 (male hypopygium). Type-locality: Venezuela, East Bolivar, Paraitepuy. Distr. — Venezuela.
- MUNDA Alexander, 1913e:444, pl. 16, fig. 7 (wing). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- MYERSI Alexander, 1926b:228. Type-locality: Cuba, Soledad. Distr. — U.S.A. (Florida), Cuba.
- MYTHICA Alexander, 1926d:393. Type-locality: Paraguay, Santa Barbara. Distr. — Paraguay.
- NEBULIPENNIS Alexander, 1928g:27. Type-locality: Jamaica, St. Andrew. Cinchona. Distr. — Jamaica. Ref. — Alexander, 1964a:70, fig. 72 (wing).
- NEOLERIDENSIS Alexander, 1940a:292. Type-locality: Ecuador, Tungurahua, Baños. Distr. — Ecuador.
- NEOSALVA Alexander, 1943a:229. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- NIGROCLAVARIA Alexander, 1946a:128. Type-locality: Mexico, Chiapas, Zapote. Distr. — Mexico.
- NIGROCORPORIS Alexander, 1937d:613. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- NIGROCASTATA Alexander, 1939c:438, figs. 6 (wing), 12 (male hypopygium). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- NIGROPOSTICA Alexander, 1938b:358. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- NIGROSIGNATA Alexander, 1931a:118. Type-locality: Cuba, Trinidad Mts. Distr. — Cuba. Ref. — Alexander, 1932:387, fig. 16 (wing).
- NOCTURNA Alexander, 1941b:143. Type-locality: Venezuela, Carabobo, San Esteban. Distr. — Venezuela.
- OMISSA Alexander, 1921c:166. Type-locality: Argentina, Tucumán, Arroyo Famaila. Distr. — Argentina.



- OMISSINERVIS Alexander, 1921d:86. Type-locality: Peru, Loreto, Yurimaguas. Distr. — Peru.
- OTEROI Alexander, 1936b:878, fig. 2 (wing). Type-locality: Cuba, Sierra Rangel, Las Ánimas. Distr. — Cuba.
- PABULATORIA Alexander, 1920c:141. Type-locality: Guatemala, Gualán. Distr. — Guatemala.
- PARAXANTHA Alexander, 1962c:145, fig. 122 (wing). Type-locality: Bolivia, Santa Cruz, General Saavedra. Distr. — Bolivia.
- PARISHIANA Alexander, 1929e:406. Type-locality: Peru, Loreto, Iquitos. Distr. — Peru.
- PATENS Alexander, 1939a:82. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico.
- PERANGUSTA Alexander, 1939a:83. Type-locality: Mexico, Chiapas, Santa Isabel. Distr. — Mexico, Venezuela.
- VERBASALIS Alexander, 1949d:259. Type-locality: Peru, Loreto, Pucallpa. Distr. — Peru. Ref. — Alexander, 1949c:594, fig. 9 (male hypopygium).
- PERLATA Alexander, 1943b:124. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- FILIPES (Walker), 1856:440 (*Geranomyia*). Type-locality: "Amazonian Region."
- FLATYPHALLUS Alexander, 1945h:282. Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Mexico, Costa Rica.
- PLEURALIS Alexander, 1913a:45. Type-locality: Guatemala, Aguna. Distr. — Guatemala. Ref. — Alexander, 1915b:444, fig. 4 (wing).
- PLEUROLINEA Alexander, 1959:450, fig. 3 (male hypopygium). Type-locality: Brazil, Amapá, Serra do Navio. Distr. — Brazil.
- PODAGRA Alexander, 1952a:128. Type-locality: Guatemala, Chicacao, El Naranjo. Distr. — Guatemala.
- POLITA Osten Sacken, 1887b:189. Type-locality: "Brazil". Distr. — Brazil. Ref. — Alexander, 1927e:23.
- PORTORICANA Alexander, 1936b:880, fig. 3 (wing). Type-locality: Puerto Rico, Villalba, El Semille. Distr. — Puerto Rico.
- PROJECTA Alexander, 1949b:492, fig. 24 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- PULCHELLA Alexander, 1913a:44, figs. b (wing), l (male hypopygium). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Brazil. Ref. — Alexander, 1959:455, fig. 6 (male hypopygium).
- RECTANGULARIS Alexander, 1952a:126. Type-locality: Bolivia, Cochabamba, Yungas de Cristal Mayu. Distr. — Bolivia.
- RECTISPINA Alexander, 1968b:91. Type-locality: Ecuador, Tena, Libertad. Distr. — Ecuador.
- RETUSA Alexander, 1935a:327. Type-locality: Peru, Loreto, Iquitos. Distr. — Peru.
- RHABDOPHORA Alexander, 1942e:256. Type-locality: Ecuador, Manabí, Palmar. Distr. — Ecuador.
- ROSTRATA Enderlein, 1912:68, fig. Q1. Type-locality: Costa Rica. Distr. — Costa Rica, Panama.
- RUBRICEPS Alexander, 1937d:614. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- SUBROSTRATA Alexander, 1962c:146, figs. 123 (wing), 125 (male hypopygium). Type-locality: Bolivia, Espiritu, Río Yacuma. Distr. — Bolivia.

- RUFULA Alexander, 1946g:393, fig. 10 (male hypopygium). Type-locality: Mexico, Venodia. Distr. — Mexico.
- SACKENI Alexander, 1913a:42, fig. a (wing). Type-locality: El Salvador, Sonsonate. Distr. — Mexico, Guatemala, El Salvador, Ecuador, Peru.
- SALTI Alexander, 1930c:738. Type-locality: Colombia, Magdalena, Río Frio. Distr. — Colombia.
- SALVA Alexander, 1942c:427, fig. 1 (male hypopygium). Type-locality: Peru, Huanuco, Pumahuasi. Distr. — Peru.
- SANGUINEA Alexander, 1938f:253. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- SCABROSA Alexander, 1938b:360. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- SCAPULARIS (Macquart), 1838:77(73) (*Rhamphidia*). Type-locality: "Brazil". Distr. — Brazil.
- SCHINERI Enderlein, 1912:71. Type-locality: "South America". Distr. — South America. Ref. — Alexander, 1927e:26.
flavithorax Wiedemann of Schiner, 1868:43.
- SEPOSITA Alexander, 1941g:353 (also 1946h:100). Type-locality: Panama, Chiriqui, Potrerillos. Distr. — Panama.
- SERRULIFERA Alexander, 1945h:284. Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica.
- SIGMODEA Alexander, 1949b:490, figs. 19 (wing), 23 (male hypopygium). Type-locality: Brazil, São Paulo, São Paulo, Serra da Cantareira. Distr. — Brazil.
- SIMPLEX (Wiedemann), 1828:549 (*Limnobia*). Type-locality: "Brazil". Distr. — Brazil.
- SPICA Alexander, 1943b:123. Type-locality: Ecuador, Napo-Pastaza, Abitagua, Cunibunda. Distr. — Ecuador.
- SPINIGERA Schiner, 1868:44. Type-locality: "Venezuela". Distr. — Venezuela, Colombia, Peru. Refs. — Alexander, 1927e:24; 1943c:24.
- STADELMANNI Alexander, 1945L:392, fig. 20 (male hypopygium). Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- STRICTISPINA Alexander, 1968b:92. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- STRUMOSA Alexander, 1942e:254. Type-locality: Ecuador, Manabi, Palmar. Distr. — Ecuador.
- STYGICA Alexander, 1914e:234, pl. 3, fig. 6 (wing). Type-locality: Guyana, Bartica. Distr. — Guyana, Brazil.
- SUBANTHRACINA Alexander, 1949a:105. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador. Ref. — Alexander, 1949c:594, fig. 10 (male hypopygium).
- SUBARGENTEA Alexander, 1948b:143. Type-locality: Brazil, São Paulo, Boracéia. Distr. — Brazil. Ref. — Alexander, 1966c:489, fig. 15 (male hypopygium).
- SUBFURVA Alexander, 1966b:698. Type-locality: Nicaragua, Villa Somoza. Distr. — Nicaragua.
- SUBGALATEA Alexander, 1959:452, fig. 4 (male hypopygium). Type-locality: Brazil, Amapá, Serra do Navio. Distr. — Brazil.
- SUBJOCOSA Alexander, 1942c:432, fig. 4 (male hypopygium). Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- SUBLERIDENSIS Alexander, 1938h:439. Type-locality: Panama, Chiriqui, Finca Lerida. Distr. — Panama.



- SUBMOLESTA Alexander, 1930b:115. Type-locality: Mexico, Nayarit, between Portesuelo and Ixtlán. Distr. — Mexico.
- SUBMUNDA Alexander, 1941e:242, figs. 1 (wing), 4 (male hypopygium). Type-locality: Peru, Junin, Tarma, Huacapistana. Distr. — Peru.
- SUBPATENS Alexander, 1966b:699. Type-locality: Honduras, Lancetilla. Distr. — Honduras.
- SUBPULCHELLA Alexander, 1949b:454, fig. 5 (male hypopygium). Type-locality: Brazil, Amapá, Serra do Navio. Distr. — Brazil.
- SUBRUBICEPS Alexander, 1945a:29. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- SULTANA Alexander, 1938b:355. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- TACTILIS Alexander, 1952a:127. Type-locality: Guatemala, Chicacao, El Naranjo. Distr. — Guatemala.
- TAINO Alexander, 1964a:71, figs. 73 (wing), 78 (male hypopygium). Type-locality: Jamaica, St. Thomas, Portland Gap. Distr. — Jamaica.
- TALAMANCANA Alexander, 1939e:624. Type-locality: Costa Rica, Talamanca, San Juan Miramar. Distr. — Costa Rica.
- TARTARUS Alexander, 1949b:488, figs. 18 (wing), 22 (male hypopygium). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- TRIFASCIATA TRIFASCIATA Enderlein, 1912:69, fig. R¹ (nom. nov. for *bifasciata* Fabricius). Type-locality: "South America". Distr. — Panama, Guyana, Colombia, Venezuela.
- bifasciata* Fabricius, 1805:31 (*Tipula*; preocc. Schrank, 1781). Type-locality: "South America".
- ssp. XANTICLES Alexander, 1946g:387. Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica.
- TRISTIS Alexander, 1913e:439, pl. 16, fig. 1 (wing). Type-locality: Peru, Madre de Dios, Callanga. Distr. — Peru.
- TULLOCHI Alexander, 1945e:238. Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil.
- TURMALBENSIS Alexander, 1945h:285. Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica.
- UNICINGULATA Alexander, 1944c:43, figs. 3 (wing), 6 (male hypopygium). Type-locality: Venezuela, Merida, San Diego. Distr. — Venezuela.
- VENEZUELENSIS (Macquart), 1846:147(19), pl. 2, figs. 7, 7 a (*Limnobia*). Type-locality: "South America". Distr. — Venezuela, Colombia.
- VOLENTIS Alexander, 1952a:125. Type-locality: Bolivia, Cochabamba, Yungas de Cristal Mayu. Distr. — Bolivia.
- WIGHTI Alexander, 1939d:126, figs. 8 (wing), 17 (male hypopygium). Type-locality: Jamaica, Balaclava. Distr. — Jamaica. Ref. — Alexander, 1964a:73, fig. 74 (wing).
- WILHELMINAE Alexander, 1947a:176. Type-locality: Surinam, Wilhelmina Mts. Distr. — Surinam.
- XANTIA Alexander, 1952d:246. Type-locality: Bolivia, Santa Cruz, Bucna Vista, Rio Yapacani. Distr. — Bolivia.

Genus TOXORHINA Loew

TOXORHINA Loew, 1850:36 (also 1851:400). Type-species, *fragilis* Loew (Osten Sacken, 1869:113).

Toxorrhina, emend.

Ref. — Alexander, 1947c:356.

Subgenus CERATOCEILUS Wesché

- CERATOCEILUS Wesché, 1910:358 (as genus). Type-species, *winnsampsoni* Wesché (Brunetti, 1920:230). Ref. — Alexander, 1947c:356.
- AMERICANA (Alexander), 1913a:49, figs. e (wing), j (ovipositor) (*Ceratocheilus*). Type-locality: Panama, Culebra. Distr. — Costa Rica, Panama, Colombia, Guyana, Peru, Brazil.
- ATRI-TARSIS Alexander, 1943e:211. Type-locality: Ecuador, Santiago-Zamora, Río Zamora, Zumbi. Distr. — Ecuador.
- CHIAPASENSIS Alexander, 1938e:410. Type-locality: Mexico, Chiapas, Finca Belén. Distr. — Mexico.
- LEUCOMELANOPUS (Enderlein), 1912:78 (*Aporosa*). Type-locality: Colombia, Hacienda Pehlke. Distr. — Colombia.
- LEUCOSTENA Alexander, 1937c:502. Type-locality: Surinam, King Frederick William Falls, Courantijne River. Distr. — Surinam. Ref. — Alexander, 1947c:355, fig. 30 (wing).
- MACULIPENNIS Alexander, 1936a:22. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil.
- NIVETARSIS (Alexander), 1922c:49 (*Ceratocheilus*). Type-locality: Colombia, Boca del Condoto. Distr. — Panama, Colombia.
- PROLONGATA Alexander, 1938f:259. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- REVULSA REVULSA Alexander, 1954d:151. Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- ssp. MACRORHYNCHA Alexander, 1954d:152. Type-locality: Bolivia, Cochabamba, Chapare, Locotal, El Limbo. Distr. — Bolivia.
- SUPERSTES Alexander, 1942c:447, figs. 8 (wing), 15 (male hypopygium). Type-locality: Peru, Junín, Tarma, Huacapistana. Distr. — Peru. Ref. — Alexander, 1947c:355, fig. 31 (wing).
- VULSA Alexander, 1952a:134. Type-locality: Peru, Junín, Chanchamayo. Distr. — Peru.

Subgenus TOXORRHINA Loew

- ATRI-PES Alexander, 1922c:48. Type-locality: Colombia, Condoto. Distr. — Colombia.
- BRASILIENSIS (Westwood), 1835:683 (*Limnobiorhynchus*). Type-locality: "Brazil". Distr. — Guyana, Peru, Brazil, Paraguay. (See *westwoodi* Brunetti).
- CENTRALIS Alexander, 1913a:52, fig. i (wing) (*Toxorrhina*). Type-locality: "Surinam". Distr. — Mexico, Guatemala, Costa Rica, Panama, Guyana, Surinam, Brazil.
- CURVATA Alexander, 1938b:361. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- DISTALIS Alexander, 1936b:881, fig. 4 (wing). Type-locality: Bahamas, New Providence. Distr. — Bahamas.
- DOMINGENSIS Alexander, 1937a:186, fig. 4 (wing). Type-locality: Hispaniola: Dominican Republic, Sanchez. Distr. — Dominican Republic, Cuba.
- FLAVIDA Alexander, 1913a:51, fig. h (wing) (*Toxorrhina*). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Brazil, Peru.



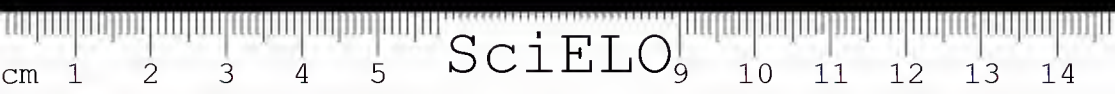
- FRAGILIS Loew, 1851:401, pl. 2, figs. 16 (antenna), 17 (body, female), 18 (venation), 22 (head, female). Type-locality: "Puerto Rico". Distr. — Puerto Rico. Ref. — Alexander, 1932:378, fig. 19 (wing).
- INFUMIPENNIS Alexander, 1942j:31 (nom. nov. for *fumipennis* Alexander). Type-locality: Lesser Antilles: Dominica, Sylvania Estate. Distr. — Dominica.
- fumipennis* Alexander, 1939d:100 (preocc. Alexander, 1936). Type-locality: Dominica, Sylvania Estate.
- JAMAICENSIS Alexander, 1964a:83, figs. 92 (wing), 96 (male hypopygium). Type-locality: Jamaica, St. Thomas, Corn Puss Gap. Distr. — Jamaica.
- LATAMERA Alexander, 1968b:96. Type-locality: Ecuador, Huagra Yacu. Distr. — Ecuador.
- LONGICOLLIS Pierre, 1924:80, figs. 6-12 (body, wing). Type-locality: Venezuela, Bolivar, San Fernando de Apure. Distr. — Venezuela.
- MENDOSA Alexander, 1935a:330. Type-locality: Brazil, Rio de Janeiro. Rezende, Campo Belo. Distr. — Brazil.
- MERIDIONALIS Alexander, 1913a:51, fig. g (wing) (*Toxorhina*). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Brazil.
- NIGRIVENA Alexander, 1939e:636, fig. 8 (wing). Type-locality: Costa Rica, Talamanca, San Juan Miramar. Distr. — Costa Rica.
- PERGRACILIS Alexander, 1944b:181, fig. 13 (male hypopygium). Type-locality: Peru, Ayacucho, La Mar, Ayna. Distr. — Venezuela, Peru, Bolivia.
- PHIORACAENA Alexander, 1966a: 227. Type-locality: Ecuador, Napo-Pastaza. Libertad. Distr. — Ecuador.
- POLYCANTHA Alexander, 1940e:907, fig. 6 (wing). Type-locality: Venezuela, Miranda, Río Chacaito. Distr. — Venezuela.
- SCAPANIA Alexander, 1966a:228. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- STENOPHALLUS Alexander, 1937c:503. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Venezuela, Brazil.
- TRILOBATA Alexander, 1938e:411. Type-locality: Mexico, Chiapas, Vergel. Distr. — Mexico. Ref. — Alexander, 1947c:355, fig. 32 (wing).
- VIOLACEIPENNIS Alexander, 1937a:187, fig. 5 (wing). Type-locality: Cuba, Sierra del Cobre, Loma del Gato. Distr. — Cuba. Ref. — Alexander, 1964a:85, fig. 97 (male hypopygium).
- WESTWOODI Brunetti, 1920:229 (nom. nov. for *brasiliensis* Westwood). Based on female only. See Brunetti, 1918:300-304, discussion. Type-locality: "Brazil".
- brasiliensis* Westwood, 1835:638 (*Limnobiorhynchus*; part; female only). Type-locality: "Brazil".

Genus TRENTEPOHLIA Bigot

- TRENTEPOHLIA Bigot, 1854:456, 473. Type-species, *trentepohlii* (Wiedemann) (mon.) (Oriental). Ref. — Alexander, 1947b:69-12, figs.

Subgenus MONGOMA Westwood

- MONGOMA Westwood, 1881:364 (as genus). Type-species, *fragillima* Westwood (mon.).



ERRANS Alexander, 1944d:321. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.

Subgenus NEOMONGOMA Alexander

- Trentepohlia*, subg. NEOMONGOMA Alexander, 1919a:140. Type-species, *Mongoma disjuncta* Alexander (orig. des.).
- DISJUNCTA (Alexander), 1913b:500, fig. 22 (wing) (*Mongoma*). Type-locality: Brazil, Espírito Santo. Distr. — Brazil.
- FUSCOTERMINALIS Alexander, 1949b:481, fig. 15 (wing). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil. Ref. — Alexander, 1947b:67, fig. 5 (wing).
- MESONOTALIS Alexander, 1949b:482. Type-locality: Brazil, São Paulo, Guarujá. Distr. — Brazil.
- SORDIDIPENNIS Alexander, 1943f:302, fig. 11 (wing). Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr. — Brazil.
- SUBERECTA Alexander, 1939b:208. Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr. — Ecuador.
- ZERNYI Alexander, 1942g:180. Type-locality: Brazil, Pará, Santarém, Taparinha. Distr. — Brazil.

Subgenus PARAMONGOMA Brunetti

- PARAMONGOMA Brunetti, 1911:295 (as genus). Type-species, *Cylindrotoma albitarsis* Doleschall (orig. des.) (Oriental).
- Mongomella* Enderlein, 1912:61. Type-species, *Mongoma pallida* Williston (orig. des.) (Neotropical).
- AMATRIX Alexander, 1942g:181. Type-locality: Brazil, Rio de Janeiro, Serra do Itatiaia, "Südabhang". Distr. — Brazil.
- BROMELIADICOLA (Alexander), 1912d:415, fig. (wing) (*Mongoma*). Type-locality: "Costa Rica". Distr. — Costa Rica. Ref. — Picado, 1913:356, pl. 13 (biology).
- CALLIOPE Alexander, 1944g:304. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru, Bolivia.
- CHIRIQUIANA Alexander, 1934a:68. Type-locality: Panama, Chiriqui, Finca Parada. Distr. — Panama.
- CONCUMBENS Alexander, 1942i:66, fig. 35 (wing). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- CONSCRIPTA Alexander, 1949a:102. Type-locality: Peru, Huanuco, Carpish. Distr. — Peru, Bolivia.
- CUBITALIS Alexander, 1931a:116. Type-locality: Brazil, Santa Catarina, Jaraguá. Distr. — Brazil.
- DISPARILIS Alexander, 1944b:178. Type-locality: Peru, Junín, Satipo, Jauja. Distr. — Peru.
- FITZLERI Alexander, 1947e:65. Type-locality: Venezuela, Táchira, East Táchira. Distr. — Venezuela.
- DOMINICANA Alexander, 1947b:71. Type-locality: Lesser Antilles: Dominica. Distr. — Puerto Rico, Dominica.
- EXTENSA (Alexander), 1913b:501, fig. 11 (wing) (*Mongoma*). Type-locality: Panama, Culebra. Distr. — Panama, Guyana, Brazil.
- FAUSTINA Alexander, 1945d:277. Type-locality: Brazil, Rio de Janeiro, Teresópolis. Distr. — Brazil.



- FEMORATA Alexander, 1921d:88. Type-locality: Brazil, Amazonas, Tefé. Distr. — Brazil.
- FLAVELLA Alexander, 1921d:89. Type-locality: Brazil, Amazonas, Tefé. Distr. — Brazil.
- FUSCIPES Alexander, 1921d:88. Type-locality: Brazil, Amazonas, Tefé. Distr. — Brazil.
- FUSCOLIMBATA Alexander, 1950a:53, fig. 29 (wing). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. — Venezuela.
- GENICULATA (Alexander), 1914e:247, pl. 4, fig. 7 (wing) (*Mongoma*). Type-locality: Guyana, Bartica. Distr. — Guyana, Brazil.
- LAUDABILIS Alexander, 1942e:442. Type-locality: Peru, Huanuco, Piedras Grandes. Distr. — Peru.
- LEUCOXENA (Alexander), 1915a:29 (*Mongoma*). Type-locality: Mexico, Veracruz, Córdoba. Distr. — Mexico. Ref. — Alexander, 1915b:444, fig. 7 (wing).
- LONGIFUSA (Alexander), 1913b:502, fig. 10 (wing) (*Mongoma*). Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Ecuador, Brazil.
- MANCA (Williston), 1896a:293 (*Mongoma*). Type-locality: Lesser Antilles: St. Vincent. Distr. — St. Vincent.
- METATARSATA (Alexander), 1915b:444, fig. 6 (wing) (*Mongoma*). Type-locality: Panama, Trinidad River. Distr. — Panama, Brazil.
- MONTIVAGA Alexander, 1949a:102. Type-locality: Peru, Huanuco, Saria-pampa. Distr. — Peru, Bolivia.
- NEOGAMA Alexander, 1943f:303, fig. 12 (wing). Type-locality: Brazil, Espírito Santo, Morro Argolas. Distr. — Brazil.
- NIVETARSIS (Alexander), 1913b:501, fig. 13 (wing) (*Mongoma*). Type-locality: Puerto Rico, El Yunque. Distr. — Jamaica, Puerto Rico. Refs. — Alexander, 1932:375, fig. 17 (wing); 1964a:67, fig. 69 (venation).
- PALLIDA (Williston), 1896a:293 (*Mongoma*). Type-locality: Lesser Antilles: St. Vincent. Distr. — Brazil, St. Vincent.
- PALLIPES (Alexander), 1914e:247, pl. 4, fig. 8 (wing) (*Mongoma*). Type-locality: Guyana, Mallali. Distr. — Guyana, Brazil.
- PETULANS Alexander, 1937b:244. Type-locality: Brazil, Rio de Janeiro, Rezende, Campo Belo. Distr. — Brazil. Ref. — Alexander, 1947b:67, fig. 7 (wing).
- RORAIMICOLA Alexander, 1935a:329. Type-locality: Venezuela, Mt. Roraima. Distr. — Venezuela, Brazil.
- SORORCULA Alexander, 1919a:141, fig. 15 (wing). Type-locality: Panama, Darién, between Río Capetí and Río Yape. Distr. — Panama.
- SUBLEUCOXENA Alexander, 1940b:160. Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.
- SUFFUSCIPES Alexander, 1947f:101. Type-locality: Venezuela, Aragua, Choroní. Distr. — Venezuela.
- TETHYS Alexander, 1949a:101. Type-locality: Peru, Huanuco, Fundo Sinchono. Distr. — Peru.
- TUCUMANA Alexander, 1936d:762. Type-locality: Argentina, Tucumán. Distr. — Argentina.

Subgenus PROMONGOMA Alexander

Trentepohlia, subg. PROMONGOMA Alexander, 1938b:353. Type-species, *mirabilis* Alexander (orig. des.).



MIRABILIS Alexander, 1938b:354, fig. 8 (wing). Type-locality: Ecuador. Napo-Pastaza, Abitagua, 1200m. Distr. — Ecuador. Ref. — Alexander, 1947b:67, fig. 6 (wing).

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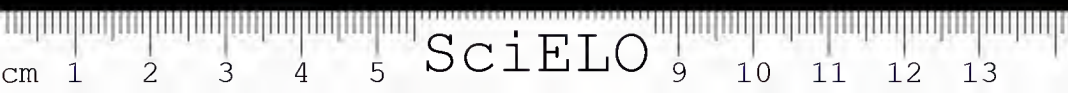
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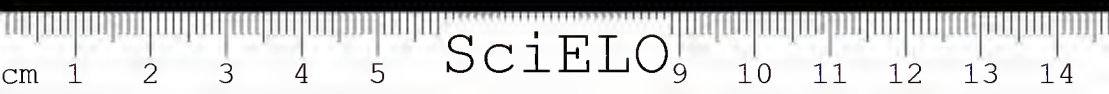


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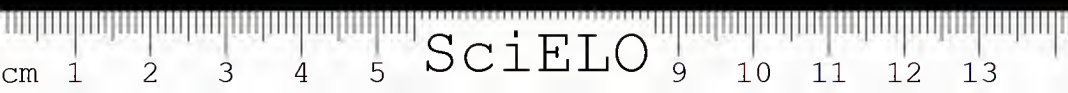


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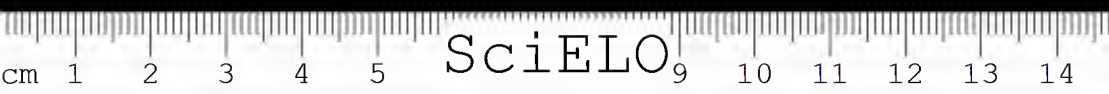
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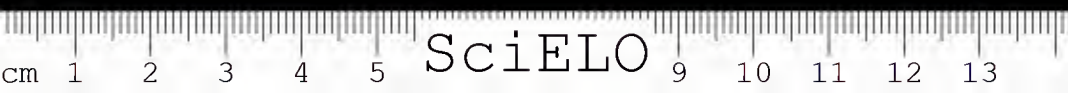
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Index

| | |
|---|-------|
| aberrans (Schlner), 1868, Limonia (Peripheroptera) | 4.72 |
| Abitagua Alexander, 1944 | 4.93 |
| abitaguae Alexander, 1945, Braehypremna | 4.6 |
| abitagual (Alexander), 1941 (Erioptera), Cheilotrichia (Empeda) . | 4.119 |
| abnormis Alexander, 1914, Leeteria (Psaronius) | 4.106 |
| abortiva Alexander, 1966, Shannonomyia (Shannonomyia) | 4.114 |
| abortiva Alexander, 1914, Tipula (Eumlerotipula) | 4.21 |
| abra Alexander, 1949, Shannonomyia (Shannonomyia) | 4.114 |
| abselssa Alexander, 1946, Tipula (Lunatipula) | 4.32 |
| absona Alexander, 1937, Tipula (Eumlerotipula) | 4.21 |
| abstrusa Alexander, 1929, Limnophila (Limnophila) | 4.108 |
| acanthias Alexander, 1941, Gonomyia (Progonomyia) | 4.141 |
| acanthostylus Alexander, 1944, Helius | 4.45 |
| aeclpitrina Alexander, 1946, Tipula (Eumlerotipula) | 4.21 |
| aeumalatrix Alexander, 1951, Tipula (Eumlerotipula) | 4.21 |
| acracanthoides Alexander, 1929, Elnoretta | 4.8 |
| aericula Alexander, 1931, Gnophomyia | 4.128 |



| | |
|---|-------|
| acerrissima Alexander, 1944, Gonomyia (Progonomyia) | 4.141 |
| acroleuca Alexander, 1964, Orimarga (Diotrepha) | 4.81 |
| acuminata Alexander, 1921, Gonomyia (Neolipophleps) | 4.139 |
| acuminata (Alexander), 1921 (Dicranomyia), Limonia (Caenoglo- china) | 4.47 |
| acunai (Alexander), 1928 (Eriocera), Hexatoma (Eriocera) | 4.100 |
| aeuproducta Alexander, 1962, Limonia (Dicranomyia) | 4.49 |
| acutergata Alexander, 1939, Austrolimnophila (Austrolimnophila) . | 4.89 |
| acutiloba Alexander, 1937, Doliehopeza (Megistomastix) | 4.8 |
| aetissima (Alexander), 1940 (Oxydiscus), Paradelphomyia (Oxyr- hiza) | 4.109 |
| aetistyla (Alexander), 1945 (Holorusia), Zelandotipula | 4.41 |
| adara Alexander, 1949, Neognophomyia | 4.153 |
| adela Alexander, 1949, Gonomyia (Progonomyia) | 4.141 |
| adjusta Alexander, 1949, Gnophomyia | 4.128 |
| adspersa (Wiedemann), 1818 (Limnobia), Epiphragma (Epiphrag- ma) | 4.95 |
| adumbrata Alexander, 1946, Shannonomyia (Shannonomyia) | 4.114 |
| adunca Alexander, 1921, Gonomyia (Lipophleps) | 4.135 |
| advena (Alexander), 1928 (Cryptolabis) Baecoura | 4.119 |
| aedon Alexander, 1947, Tipula (Eumicrotipula) | 4.21 |
| aenigmatica Alexander, 1929, Shannonomyia (Shannonomyia) | 4.114 |
| aequabilis (Alexander), 1923 (Geranomyia), Limonia (Geranomyia) | 4.60 |
| aequalis Alexander, 1916, Gonomyia (Gonomyia) | 4.132 |
| aequatorialis (Alexander), 1944 (Oxydiscus), Paradelphomyia (Oxyrhiza) | 4.109 |
| aequidens Alexander, 1938, Gonomyia (Neolipophleps) | 4.139 |
| aequinigra Alexander, 1941, Teucholabis (Teucholabis) | 4.159 |
| acquinoetialis Alexander, 1937, Sigmatomera (Sigmatomera) | 4.156 |
| acquispinosa Alexander, 1926, Gonomyia (Neolipophleps) | 4.139 |
| acquitatorialis Alexander, 1940, Tipula (Microtipula) | 4.32 |
| aetherea (Alexander), 1916 (Eriocera), Hexatoma (Eriocera) | 4.100 |
| aetherea (Bigot), 1888 (Ischnothrix), Atarba (Ischnothrix) | 4.88 |
| affabilis Alexander, 1952, Limonia (Dicranomyia) | 4.49 |
| affabilis Alexander, 1945, Tipula (Microtipula) | 4.32 |
| affinis (Bellardi), 1859 (Tipula), Nephrotoma | 4.16 |
| agglomerata (Alexander), 1926 (Rhipidia), Limonia (Rhipidia) .. | 4.74 |
| aglaia Alexander, 1945, Erioptera (Mesocyphona) | 4.124 |
| aglaia Alexander, 1945, Hexatoma (Eriocera) | 4.100 |
| aglossa Alexander, 1962, Tipula (Eumicrotipula) | 4.21 |
| agrippina Alexander, 1945, Tipula (Eumicrotipula) | 4.21 |
| akestra Alexander, 1965, Tipula (Microtipula) | 4.32 |
| albiceentra Alexander, 1962, Pedicia (Tricyphona) | 4.84 |
| albiditarsis Alexander, 1953, Polymera (Polymera) | 4.111 |
| albifasciata Macquart, 1838, Tipula (Eumicrotipula) | 4.21 |
| albimana (Wiedemann), 1830 (Tipula), Brachypremna | 4.6 |
| albitarsis (Osten Sacken), 1887 (Rhamphidia), Helius | 4.45 |
| albitarsis Williston, 1896, Polymera (Polymera) | 4.111 |
| alboapicalis Alexander, 1928, Limonia (Dicranomyia) | 4.49 |
| alboeostata Macquart, 1846 (Tipula) | 4.44 |
| albogeniculata Alexander, 1926, Polymera (Polymera) | 4.111 |
| albogeniculatus Alexander, 1936, Helius | 4.45 |
| albogenualis Alexander, 1939, Polymera (Polymera) | 4.111 |
| Aldrovandia Enderlein, 1912 | 4.10 |



| | |
|---|-------|
| alectro Alexander, 1945, <i>Tipula</i> (<i>Microtipula</i>) | 4.32 |
| alfaroi (Alexander), 1922 (<i>Dicranomyia</i>), <i>Limonia</i> (<i>Dicranomyia</i>) . | 4.49 |
| alleni (Alexander), 1913 (<i>Pachyrhina</i>), <i>Nephrotoma</i> | 4.16 |
| almeida Alexander, 1946, <i>Atarba</i> (<i>Atarba</i>) | 4.85 |
| altandina Alexander, 1956, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.50 |
| alticola (Alexander), 1925 (<i>Erioptera</i>), <i>Cheilotrichia</i> (<i>Empeda</i>) .. | 4.119 |
| alticola Alexander, 1944, <i>Cryptolabis</i> (<i>Cryptolabis</i>) | 4.120 |
| alticola Alexander, 1925, <i>Elephantomyia</i> (<i>Elephantomyia</i>) | 4.94 |
| alticola Alexander, 1944, <i>Rhabdomastix</i> (<i>Rhabdomastix</i>) | 4.154 |
| altivolans Alexander, 1942, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.141 |
| amabilis Alexander, 1928, <i>Atarba</i> (<i>Atarba</i>) | 4.85 |
| <i>Amalopsis</i> Haliday, 1856 | 4.84 |
| amapana Alexander, 1959, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.159 |
| amara Alexander, 1951, <i>Tipula</i> (<i>Microtipula</i>) | 4.32 |
| amaryllis Alexander, 1944, <i>Limonia</i> (<i>Caenolimonia</i>) | 4.48 |
| amatrix Alexander, 1945, <i>Teucholabis</i> (<i>Euparatropesa</i>) | 4.158 |
| amatrix Alexander, 1942, <i>Trentepohlia</i> (<i>Paramongoma</i>) | 4.169 |
| amazona Alexander, 1921, <i>Gonomyia</i> (<i>Paralipophleps</i>) | 4.140 |
| amazonensis (Alexander), 1912 (<i>Rhipidia</i>), <i>Limonia</i> (<i>Rhipidia</i>) .. | 4.75 |
| amazonica (Alexander), 1920 (<i>Dicranomyia</i>), <i>Limonia</i> (<i>Neolimonia</i>) | 4.70 |
| amazonica (Alexander), 1912 (<i>Microtipula</i>), <i>Tipula</i> (<i>Microtipula</i>) . | 4.32 |
| amazonica Westwood, 1881, <i>Sigmatomera</i> (<i>Sigmatomera</i>) | 4.156 |
| amazonicola (Alexander), 1920 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) . | 4.100 |
| ambigua Alexander, 1929, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.50 |
| amblyphallos Alexander, 1966, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.159 |
| amblythrix Alexander, 1967, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.21 |
| amblytylos Alexander, 1964, <i>Limonia</i> (<i>Geranomyia</i>) | 4.60 |
| ambrosiana Alexander, 1962, <i>Limonia</i> (<i>Idioglochina</i>) | 4.68 |
| americana Alexander, 1914, <i>Styringomyia</i> | 4.157 |
| americana (Alexander), 1913 (<i>Ceratocheilus</i>), <i>Toxorhina</i> (<i>Ceratocheilus</i>) | 4.167 |
| amoena (Alexander), 1922 (<i>Paratropesa</i>), <i>Teucholabis</i> (<i>Euparatropesa</i>) | 4.158 |
| amoenalis Alexander, 1945, <i>Limonia</i> (<i>Geranomyia</i>) | 4.60 |
| amoenicornis Alexander, 1922, <i>Tipula</i> (<i>Microtipula</i>) | 4.33 |
| amphacanthus Alexander, 1952, <i>Molophilus</i> (<i>Molophilus</i>) | 4.144 |
| amphileuca Alexander, 1941, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.95 |
| <i>Amphineurus</i> Skuse, 1890 | 4.117 |
| <i>Amphinome</i> Meigen, 1800 | 4.47 |
| amphion Alexander, 1952, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.21 |
| amphionis Alexander, 1952, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.50 |
| analys Alexander, 1954, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.159 |
| anax Alexander, 1942, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.50 |
| andalgala Alexander, 1919, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.21 |
| andensis (Alexander), 1916 (<i>Trimicra</i>), <i>Erioptera</i> (<i>Trimicra</i>) | 4.126 |
| andicola Alexander, 1913, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.132 |
| andicola (Alexander), 1923 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) | 4.100 |
| andicola (Alexander), 1912 (<i>Furcomyia</i>), <i>Limonia</i> (<i>Dicranomyia</i>) . | 4.50 |
| andicola Alexander, 1942, <i>Neolimnophila</i> | 4.154 |
| andina Alexander, 1913, <i>Erioptera</i> (<i>Erioptera</i>) | 4.122 |
| andina Alexander, 1916, <i>Orimarga</i> (<i>Orimarga</i>) | 4.82 |
| andina Br  thes, 1909, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.21 |
| andinalta Alexander, 1956, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.50 |



| | |
|---|-------|
| andromache Alexander, 1950, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.21 |
| anduzeana Alexander, 1941, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.135 |
| anduzeana Alexander, 1943, <i>Limonia</i> (<i>Geranomyia</i>) | 4.60 |
| anduzei Alexander, 1940, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.132 |
| ancrasta Alexander, 1934, <i>Molophilus</i> (<i>Molophilus</i>) | 4.144 |
| angelica Alexander, 1929, <i>Limonia</i> (<i>Zelandoglochina</i>) | 4.80 |
| angolensis Alexander, 1944, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.21 |
| angusta Alexander, 1945, <i>Brachypremna</i> | 4.6 |
| angustalbus Alexander, 1953, <i>Helius</i> | 4.45 |
| angustapicalis Alexander, 1938, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.159 |
| angusticincta (Alexander), 1921 (<i>Geranomyia</i>), <i>Limonia</i> (<i>Geranomyia</i>) | 4.60 |
| angustifascia Alexander, 1968, <i>Teucholabis</i> (<i>Euparatropesa</i>) | 4.158 |
| angustifasciata (Alexander), 1922 (<i>Peripheroptera</i>), <i>Limonia</i> (<i>Peripheroptera</i>) | 4.72 |
| angustifrons (Alexander), 1912 (<i>Rhipidia</i>), <i>Limonia</i> (<i>Rhipidia</i>) ... | 4.75 |
| angustilineata Alexander, 1926, <i>Limnophila</i> (<i>Limnophila</i>) | 4.108 |
| angustior Alexander, 1936, <i>Molophilus</i> (<i>Eumolophilus</i>) | 4.143 |
| angustipennis Alexander, 1928, <i>Atarba</i> (<i>Atarba</i>) | 4.85 |
| angustirostris Alexander, 1947, <i>Sigmatomera</i> (<i>Sigmatomera</i>) | 4.156 |
| angustissima Alexander, 1931, <i>Elephantomyia</i> (<i>Elephantomyia</i>) .. | 4.94 |
| angustissima Alexander, 1928, <i>Gonomyia</i> (<i>Idiocera</i>) | 4.134 |
| animula Alexander, 1966, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.132 |
| anisacantha Alexander, 1964, <i>Limonia</i> (<i>Geranomyia</i>) | 4.60 |
| annulata (Enderlein), 1912 (<i>Geranomyia</i>), <i>Limonia</i> (<i>Geranomyia</i>) .. | 4.62 |
| annulata Williston, 1896, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.159 |
| annulicorne Alexander, 1921, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.95 |
| annulicornis (Enderlein), 1912 (<i>Rhipidia</i>), <i>Limonia</i> (<i>Rhipidia</i>) .. | 4.74 |
| annulipes (Philippi), 1865 (<i>Tipula</i>), <i>Leptotarsus</i> (<i>Leptotarsus</i>) ... | 4.11 |
| annulipes Williston, 1896, <i>Erioptera</i> (<i>Erioptera</i>) | 4.122 |
| anserina Alexander, 1943, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.132 |
| antarctica (Walker), 1836 (<i>Gonomyia</i>), <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.114 |
| antarctica Alexander, 1920, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.21 |
| antennata Alexander, 1953, <i>Aphrophila</i> | 4.118 |
| antennata (Alexander), 1930 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) ... | 4.100 |
| antenniferus (Alexander), 1942 (<i>Tanyremna</i>), <i>Leptotarsus</i> (<i>Tanyremnella</i>) | 4.15 |
| anthina Alexander, 1945, <i>Limonia</i> (<i>Geranomyia</i>) | 4.60 |
| anthonympha Alexander, 1928, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.21 |
| anthracina Alexander, 1937, <i>Atarba</i> (<i>Atarba</i>) | 4.85 |
| anthracina Alexander, 1921, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.159 |
| anthracopoda Alexander, 1938, <i>Limonia</i> (<i>Neolimnobia</i>) | 4.69 |
| anticalba Alexander, 1939, <i>Polymera</i> (<i>Polymera</i>) | 4.111 |
| antimenus Alexander, 1952, <i>Molophilus</i> (<i>Molophilus</i>) | 4.144 |
| antinympa (Alexander), 1942 (<i>Holorusia</i>), <i>Ischnotoma</i> (<i>Icriomastax</i>) | 4.8 |
| Antocha Osten Sacken, 1859 | 4.44 |
| antotrichia Alexander, 1967, <i>Limonia</i> (<i>Rhipidia</i>) | 4.74 |
| apacheana (Alexander), 1946 (<i>Erioptera</i>), <i>Empedomorpha</i> | 4.122 |
| aperta Alexander, 1926, <i>Atarba</i> (<i>Atarba</i>) | 4.85 |
| aphanta Alexander, 1929, <i>Limonia</i> (<i>Zelandoglochina</i>) | 4.80 |
| aphrodite Alexander, 1942, <i>Limonia</i> (<i>Rhipidia</i>) | 4.74 |



| | |
|---|-------|
| Aphrophila Edwards, 1923 | 4.118 |
| apicalis Macquart, 1838, Ozodicera (Dihexaclonus) | 4.18 |
| apicalis Alexander, 1914, Sigmatomera (Sigmatomera) | 4.156 |
| apicata (Alexander), 1914 (Dicranomyia), Limonia (Caenoglochina) | 4.47 |
| apicalba Alexander, 1921, Erioptera (Erioptera) | 4.123 |
| apicidens Alexander, 1951, Molophilus (Molophilus) | 4.144 |
| apicinigra Alexander, 1927, Erioptera (Mesocyphona) | 4.124 |
| apicispinosa Alexander, 1934, Atarba (Atarba) | 4.85 |
| apicularis Alexander, 1945, Gnophomyia | 4.128 |
| apiculatus Alexander, 1968, Amphineurus (Rhamphoneurus) | 4.118 |
| aplecta Alexander, 1946, Tipula (Trichotipula) | 4.40 |
| apocila (Philippi), 1865 (Limnophila), Erioptera (Trimicra) | 4.126 |
| apollyon Alexander, 1951, Tipula (Microtipula) | 4.33 |
| Aporosa Macquart, 1839 | 4.60 |
| appendens (Enderlein), 1912 (Macromastix), Tipula (Microtipula) . | 4.33 |
| appendiculata Alexander, 1943, Gonomyia (Gonomyia) | 4.132 |
| appendigera Alexander, 1945, Brachypremna | 4.6 |
| apposita Alexander, 1942, Limonia (Dicranomyia) | 4.50 |
| apressospinus Alexander, 1952, Molophilus (Molophilus) | 4.144 |
| apressus Alexander, 1929, Molophilus (Molophilus) | 4.144 |
| aprica Alexander, 1962, Atarba (Ischnothrix) | 4.88 |
| apterogyne Philippi, 1865, Tipula (Eumicrotipula) | 4.22 |
| araguae Alexander, 1947, Shannonomyia (Shannonomyia) | 4.114 |
| atacama Alexander, 1912, Tipula (Eumicrotipula) | 4.22 |
| arajuno Alexander, 1945, Brachypremna | 4.6 |
| arajuno Alexander, 1945, Gonomyia (Lipophleps) | 4.135 |
| araucana (Alexander), 1929 (Holorusia), Ischnotoma (Ischnotoma) | 4.9 |
| araucania Alexander, 1928, Limnophila (Limnophila) | 4.107 |
| araucania Alexander, 1928, Tipula (Eumicrotipula) | 4.22 |
| araucanus Alexander, 1929, Molophilus (Molophilus) | 4.144 |
| araucariac Alexander, 1945, Helius | 4.45 |
| Araucolimnophila Alexander, 1939 | 4.106 |
| Araucomyia Alexander, 1929 | 4.11 |
| arawak Alexander, 1964, Orimarga (Diotrepha) | 4.81 |
| arawak Alexander, 1964, Polymera (Polymera) | 4.111 |
| archangelica Alexander, 1942, Limonia (Neolimnobia) | 4.69 |
| Archimolophilus Enderlein, 1940 | 4.143 |
| arcuaria Alexander, 1937, Brachypremna | 4.6 |
| arcuaria Alexander, 1945, Elephantomyia (Elephantomyia) | 4.94 |
| arciferus Alexander, 1952, Molophilus (Molophilus) | 4.144 |
| arcuata Alexander, 1914, Gnophomyia | 4.128 |
| arcuata (Alexander), 1913 (Peripheroptera), Limonia (Periphe- roptera) | 4.72 |
| arecuna Alexander, 1931, Limonia (Geranomyia) | 4.60 |
| arecuna Alexander, 1931, Tipula (Eumicrotipula) | 4.22 |
| arepuchoensis Alexander, 1962, Tipula (Eumicrotipula) | 4.25 |
| argentea Alexander, 1927, Teucholabis (Teucholabis) | 4.159 |
| argenteoplcura Alexander, 1913, Orimarga (Orimarga) | 4.82 |
| argenteiceps Alexander, 1929, Shannonomyia (Shannonomyia) | 4.114 |
| argentina Alexander, 1944, Erioptera (Symplecta) | 4.126 |
| argentina (Alexander), 1919 (Eriocera), Hexatoma (Eriocera) ... | 4.100 |
| argentina (Alexander), 1912 (Furcomyia), Limonia (Dicranomyia) | 4.50 |
| argentina (Wulp), 1881 (Ozodicera), Tipula (Pectinotipula) | 4.39 |



| | |
|--|-------|
| argentinensis Alexander, 1923, Cryptolabis (Procryptolabis) | 4.122 |
| argentinensis Alexander, 1920, Gonomyia (Progonomyia) | 4.141 |
| argentinensis (Alexander), 1920 (Geranomyia), Limonia (Geranomyia) | 4.60 |
| argentinicola (Alexander), 1921 (Orolimnophila), Atarba (Isehnotherix) | 4.88 |
| argutula Alexander, 1944, Gnophomyia | 4.128 |
| Arhipidia Alexander, 1912 | 4.74 |
| ariadne Alexander, 1942, Limonia (Dieranomyia) | 4.50 |
| ariranhæ Alexander, 1945, Tipula (Microtipula) | 4.33 |
| armatipennis Alexander, 1912, Tipula (Microtipula) | 4.33 |
| armatistylus Alexander, 1929, Molophilus (Molophilus) | 4.144 |
| armigera Alexander, 1945, Limnophila (Limnophila) | 4.108 |
| armillaris (Fabricius), 1805 (Tipula), Lecteria (Lecteria) | 4.106 |
| armillata Alexander, 1916, Tipula (Eumicrotipula) | 4.22 |
| <i>Arrhenica</i> Osten Sacken, 1859 | 4.99 |
| asaroton Alexander, 1962, Tipula (Eumicrotipula) | 4.22 |
| ascendens Alexander, 1945, Molophilus (Molophilus) | 4.144 |
| aspera Alexander, 1943, Gonomyia (Gonomyia) | 4.132 |
| aspilota Alexander, 1967, Limonia (Rhipidia) | 4.74 |
| associans (Walker), 1861 (Tipula), Zelandotipula | 4.41 |
| assucta Alexander, 1943, Limonia (Geranomyia) | 4.60 |
| <i>Astelobia</i> Edwards, 1923 | 4.156 |
| asteria Alexander, 1951, Tipula (Eumicrotipula) | 4.22 |
| <i>Astrolabis</i> Osten Sacken, 1865 | 4.84 |
| astuta Alexander, 1965, Gnophomyia | 4.128 |
| atacama Alexander, 1912, Tipula (Eumicrotipula) | 4.22 |
| atahualpa Alexander, 1963, Teucholabis (Teucholabis) | 4.159 |
| atacama Alexander, 1912, Tipula (Eumicrotipula) | 4.22 |
| Atarba Osten Sacken, 1869 | 4.85 |
| atmophora Alexander, 1929, Cryptolabis (Cryptolabis) | 4.120 |
| atribasis (Alexander), 1914 (Diotrepha), Orimarga (Diotrepha) .. | 4.81 |
| atripennis Alexander, 1940, Teucholabis (Teucholabis) | 4.159 |
| atripes Alexander, 1922, Toxorhina (Toxorhina) | 4.167 |
| atrirostris (Alexander), 1945 (Macromastix), Leptotarsus (Longurio) | 4.11 |
| atritarsis Alexander, 1949, Limonia (Dieranomyia) | 4.50 |
| atritarsis Alexander, 1943, Toxorhina (Ceratocheilus) | 4.167 |
| atroapicalis Alexander, 1934, Shannonomyia (Shannonomyia) | 4.114 |
| atroapicata Alexander, 1938, Gonomyia (Progonomyia) | 4.141 |
| atrolata Alexander, 1948, Teucholabis (Teucholabis) | 4.159 |
| atroscapa Alexander, 1949, Tipula (Eumicrotipula) | 4.22 |
| atrosignata Alexander, 1941, Hexatoma (Eriocera) | 4.100 |
| atrosignata Alexander, 1934, Limonia (Peripheroptera) | 4.72 |
| atrostyla Alexander, 1942, Limonia (Dieranomyia) | 4.50 |
| atroterminata Alexander, 1943, Epiphragma (Epiphragma) | 4.95 |
| atrovelutina (Alexander), 1928 (Microtipula), Tipula (Eumicrotipula) | 4.22 |
| attenuata Alexander, 1920, Ozodicera (Ozodicera) | 4.19 |
| Atypophthalmus Brunetti, 1911 | 4.47 |
| audax Alexander, 1913, Teucholabis (Teucholabis) | 4.159 |
| aurantiaca Alexander, 1944, Aphrophila | 4.118 |
| aurantionota Alexander, 1939, Hexatoma (Eriocera) | 4.100 |
| aurantiothorax (Alexander), 1953 (Longurio), Leptotarsus (Tany- | |

| | |
|--|-------|
| <i>premna</i>) | 4.14 |
| <i>aurantiothorax</i> Alexander, 1941, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.50 |
| <i>auricomata</i> Alexander, 1942, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.22 |
| <i>auricosta</i> Alexander, 1939, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.95 |
| <i>auricularis</i> Alexander, 1942, <i>Tipula</i> (<i>Microtipula</i>) | 4.33 |
| <i>aurigena</i> Alexander, 1944, <i>Limonia</i> (<i>Neoglochina</i>) | 4.68 |
| <i>austera</i> Alexander, 1950, <i>Limonia</i> (<i>Neolimonia</i>) | 4.70 |
| <i>australis</i> Alexander, 1923, <i>Brachypremna</i> | 4.6 |
| <i>austroandina</i> Alexander, 1929, <i>Limonia</i> (<i>Geranomyia</i>) | 4.60 |
| <i>austroandina</i> Alexander, 1929, <i>Limonia</i> (<i>Peripheroptera</i>) | 4.72 |
| <i>austroandina</i> Alexander, 1929, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.22 |
| <i>austrolathraea</i> Alexander, 1930, <i>Shannonomyia</i> (<i>Shannonomyia</i>) .. | 4.114 |
| <i>Austrolimnobia</i> Alexander, 1922 | 4.156 |
| <i>Austrolimnophila</i> Alexander, 1920 | 4.89 |
| <i>astronymphica</i> (Alexander), 1943 (<i>Erioptera</i>), <i>Cheilotrichia</i> (<i>Empeda</i>) | 4.119 |
| <i>austrovolens</i> Alexander, 1951, <i>Tipula</i> (<i>Microtipula</i>) | 4.33 |
| <i>avara</i> Alexander, 1944, <i>Limonia</i> (<i>Geranomyia</i>) | 4.60 |
| <i>avitus</i> Alexander, 1952, <i>Molophilus</i> (<i>Molophilus</i>) | 4.144 |
| <i>axierasta</i> Alexander, 1952, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.50 |
| <i>axillaris</i> Alexander, 1921, <i>Gnophomyia</i> | 4.128 |
| <i>axillispinus</i> Alexander, 1962, <i>Molophilus</i> (<i>Molophilus</i>) | 4.144 |
| <i>aymara</i> Alexander, 1962, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.132 |
| <i>aymara</i> Alexander, 1912, <i>Tipula</i> (<i>Microtipula</i>) | 4.33 |
| <i>Aymaramyia</i> Alexander, 1943 | 4.118 |
| <i>aysenensis</i> Alexander, 1944, <i>Pedicia</i> (<i>Tricyphona</i>) | 4.84 |
| <i>azrael</i> (Alexander), 1943 (<i>Gnophomyia</i>), <i>Eugnophomyia</i> | 4.127 |
| <i>azteca</i> Alexander, 1925, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.22 |
| <i>azuayensis</i> Alexander, 1945, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.159 |
| <i>baeckstroemi</i> Alexander, 1920, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.22 |
| <i>Baeoura</i> Alexander, 1924 | 4.119 |
| <i>bahiana</i> Alexander, 1930, <i>Orimarga</i> (<i>Orimarga</i>) | 4.82 |
| <i>bahiensis</i> Alexander, 1930, <i>Limonia</i> (<i>Geranomyia</i>) | 4.60 |
| <i>balloui</i> Alexander, 1938, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.22 |
| <i>balzapambae</i> Alexander, 1941, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.141 |
| <i>banksi</i> Alexander, 1927, <i>Elephantomyia</i> (<i>Elephantomyia</i>) | 4.94 |
| <i>banksiana</i> Alexander, 1945, <i>Gnophomyia</i> | 4.128 |
| <i>banksiana</i> Alexander, 1939, <i>Limonia</i> (<i>Geranomyia</i>) | 4.60 |
| <i>banosensis</i> Alexander, 1945, <i>Limonia</i> (<i>Rhipidia</i>) | 4.74 |
| <i>barilochensis</i> Alexander, 1929, <i>Cryptolabis</i> (<i>Procryptolabis</i>) | 4.122 |
| <i>barilochensis</i> Alexander, 1929, <i>Shannonomyia</i> (<i>Shannonomyia</i>) ... | 4.114 |
| <i>barreto</i> Alexander, 1923, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.22 |
| <i>basalis</i> (Alexander), 1921 (<i>Rhabdomastix</i>), <i>Cheilotrichia</i> (<i>Empeda</i>) | 4.119 |
| <i>basilica</i> Alexander, 1921, <i>Brachypremna</i> | 4.6 |
| <i>basispinosa</i> Alexander, 1936, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.135 |
| <i>basistylata</i> Alexander, 1928, <i>Limonia</i> (<i>Caenoglochina</i>) | 4.48 |
| <i>batesi</i> Alexander, 1945, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.135 |
| <i>batesi</i> (Alexander), 1921 (<i>Pentoptera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) ... | 4.100 |
| <i>batesi</i> Alexander, 1939, <i>Shannonomyia</i> (<i>Shannonomyia</i>) .. | 4.114 |
| <i>bathomeces</i> Alexander, 1962, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.22 |
| <i>beatrice</i> Alexander, 1945, <i>Limonia</i> (<i>Geranomyia</i>) | 4.60 |
| <i>beebeana</i> Alexander, 1950, <i>Erioptera</i> (<i>Erioptera</i>) | 4.123 |
| <i>beebeana</i> Alexander, 1950, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.100 |



| | |
|---|-------|
| bcebei Alexander, 1950, Sigmatomera (Sigmatomera) | 4.156 |
| bellardiana Alexander, 1926, Tipula (Pterelachisus) | 4.40 |
| Bellardina Edwards, 1931 | 4.20 |
| bellicosus Alexander, 1929, Molophilus (Molophilus) | 4.144 |
| bellingeri Alexander, 1964, Limonia (Rhipidia) | 4.74 |
| bellona Alexander, 1946, Molophilus (Molophilus) | 4.144 |
| bequaertiana Alexander, 1938, Hexatoma (Eriocera) | 4.100 |
| berthae Alexander, 1948, Atarba (Ischnothrix) | 4.88 |
| bezzianus (Alexander), 1921 (Tipula), Leptotarsus (Tanypremna) . | 4.14 |
| biacifera Alexander, 1949, Teucholabis (Teucholabis) | 4.160 |
| biaculcata Alexander, 1953, Ozodicera (Dihexaclonus) | 4.18 |
| biargentata Alexander, 1929, Limonia (Geranomyia) | 4.60 |
| biarmata Alexander, 1931, Gynoplistia (Gynoplistia) | 4.98 |
| bicaudatus Alexander, 1929, Molophilus (Molophilus) | 4.144 |
| bicincta (Alexander), 1921 (Geranomyia), Limonia (Geranomyia) | 4.60 |
| bicinctipes Alexander, 1913, Erioptera (Mesocyphona) | 4.124 |
| bicolor (Philippi), 1865 (Ctedonia), Gynoplistia (Gynoplistia) | 4.98 |
| bicomifera Alexander, 1943, Limonia (Dicranomyia) | 4.50 |
| bicornuta Alexander, 1927, Gonomyia (Lipophleps) | 4.135 |
| bidentata Alexander, 1968, Aphrophila | 4.118 |
| bidentifera Alexander, 1966, Teucholabis (Teucholabis) | 4.160 |
| bidigitatus Alexander, 1931, Molophilus (Molophilus) | 4.144 |
| bierigi Alexander, 1947, Molophilus (Molophilus) | 4.144 |
| bievexa Alexander, 1967, Erioptera (Mesocyphona) | 4.124 |
| bifasciata (Fabricius), 1805 (Tipula), Teucholabis (Teucholabis) . | 4.166 |
| bifasciolata Alexander, 1937, Gonomyia (Progonomyia) | 4.141 |
| bifida Alexander, 1926, Gonomyia (Paralipophleps) | 4.140 |
| bifidaria Alexander, 1942, Austrolimnophila (Austrolimnophila) .. | 4.89 |
| bifiligera Alexander, 1932, Gonomyia (Lipophleps) | 4.135 |
| bifilosa Alexander, 1948, Atarba (Atarba) | 4.85 |
| bifurcata Alexander, 1947, Hexatoma (Eriocera) | 4.100 |
| bifurcifer Alexander, 1939, Gonomyia (Gonomyia) | 4.132 |
| bifurcula Alexander, 1931, Atarba (Atarba) | 4.85 |
| bifurcula Alexander, 1946, Gonomyia (Gonomyia) | 4.132 |
| bigladiata Alexander, 1942, Limonia (Dicranomyia) | 4.50 |
| bigladius Alexander, 1942, Teucholabis (Teucholabis) | 4.160 |
| bigoti (Alexander), 1913 (Furcomyia), Limonia (Zelandoglochina) | 4.80 |
| bigotiana Alexander, 1920, Tipula (Eumicrotipula) | 4.22 |
| bilimeki Alexander, 1941, Tipula (Microtipula) | 4.33 |
| bimaculata Enderlein, 1912, Ozodicera (Ozodicera) | 4.19 |
| bimucronata Alexander, 1938, Limonia (Neolimonia) | 4.70 |
| binarius Alexander, 1968, Molophilus (Molophilus) | 4.144 |
| binigrocincta Alexander, 1962, Epiphragma (Epiphragma) | 4.95 |
| bipectinata Alexander, 1965, Gnophomyia | 4.128 |
| bipectinata (Williston), 1896 (Rhipidia), Limonia (Rhipidia) | 4.74 |
| bipendula Alexander, 1966, Atarba (Atarba) | 4.85 |
| biproducta Alexander, 1966, Atarba (Atarba) | 4.85 |
| biprolata Alexander, 1967, Tipula (Microtipula) | 4.33 |
| bipunctata (Philippi), 1865 (Ctedonia), Gynoplistia (Gynoplistia) . | 4.98 |
| birama Alexander, 1941, Gonomyia (Gonomyia) | 4.132 |
| biramosa Alexander, 1940, Teucholabis (Teucholabis) | 4.160 |
| bisatra (Alexander), 1962 (Holorusia), Zelandotipula | 4.41 |
| bisecta (Alexander), 1920 (Gnophomyia), Neognophomyia | 4.153 |
| bisetosa Alexander, 1944, Neognophomyia | 4.153 |

| | |
|--|-------|
| bisetosa Alexander, 1945, Teucholabis (Teucholabis) | 4.162 |
| bispinifer Alexander, 1921, Ozodicera (Ozodicera) | 4.19 |
| bispinosa Alexander, 1921, Gonomyia (Lipophleps) | 4.135 |
| bitergatus Alexander, 1950, Helius | 4.45 |
| bitribula Alexander, 1967, Tipula (Microtipula) | 4.33 |
| bituberculata (Macquart), 1838 (Limnobia), Hexatoma (Eriocera) | 4.100 |
| biviera Alexander, 1921, Ctenolimnophila (Ctenolimnophila) | 4.93 |
| blanchardi (Alexander), 1913 (Furcomomyia), Limonia (Dicranomyia) | 4.56 |
| blaseri Alexander, 1942, Tipula (Microtipula) | 4.33 |
| bogotana Alexander, 1938, Tipula (Eumicrotipula) | 4.22 |
| bogotensis Alexander, 1938, Shannonomyia (Shannonomyia) | 4.114 |
| boliviana Alexander, 1930, Atarba (Atarba) | 4.85 |
| boliviana (Alexander), 1930 (Erioptera), Cheilotrichia (Empeda) .. | 4.119 |
| boliviana Alexander, 1930, Limonia (Dicranomyia) | 4.50 |
| boliviana Alexander, 1947, Nephrotoma | 4.16 |
| boliviensis Alexander, 1930, Elephantomyia (Elephantomyia) | 4.94 |
| boliviensis (Alexander), 1946 (Pectinotipula), Tipula (Pectinotipula) .. | 4.39 |
| boracae Alexander, 1954, Tasiocera (Dasymolophilus) | 4.157 |
| borburatana Alexander, 1941, Gonomyia (Lipophleps) | 4.135 |
| borgmeieri (Alexander), 1942 (Tanypremna), Leptotarsus (Tanypremna) | 4.14 |
| borinquena Alexander, 1968, Limonia (Dicranomyia) | 4.50 |
| borinquensis Alexander, 1950, Limonia (Neolimonia) | 4.70 |
| brachycantha Alexander, 1945, Limonia (Caenolimonia) | 4.48 |
| brachynema Alexander, 1936, Limonia (Rhipidia) | 4.75 |
| brachyneura Alexander, 1962, Polymera (Polymera) | 4.111 |
| Brachypremna Osten Sacken, 1886 | 4.5 |
| braconides (Enderlein), 1912 (Eriocera), Hexatoma (Eriocera) .. | 4.100 |
| bradleyi Alexander, 1929, Austrolimnophila (Austrolimnophila) .. | 4.89 |
| brasiliac (Alexander), 1935 (Macromastix), Leptotarsus (Longurio) .. | 4.11 |
| brasiliensis Alexander, 1913, Erioptera (Mesocynophona) | 4.125 |
| brasiliensis (Westwood), 1835 (Limnobiorthynchus), Limonia (Geranomyia) | 4.61 |
| brasiliensis (Westwood), 1835 (Limnobiorthynchus), Toxorhina (Toxorhina) | 4.167 |
| brasiliensis (Westwood), 1835 (Limnobiorthynchus), Toxorhina .. | 4.168 |
| brasiliensis (Wiedemann), 1828 (Megistocera), Tipula (Microtipula) .. | 4.33 |
| brethesiana Alexander, 1929, Tipula (Eumicrotipula) | 4.22 |
| brevicoma Alexander, 1944, Tipula (Eumicrotipula) | 4.22 |
| brevicornis Alexander, 1929, Atarba (Atarba) | 4.85 |
| brevicornis Alexander, 1929, Tasiocera (Dasymolophilus) | 4.157 |
| brevicubitalis Alexander, 1947, Limonia (Dicranomyia) | 4.50 |
| brevicula Alexander, 1926, Gonomyia (Gonomyia) | 4.132 |
| brevicula Alexander, 1931, Shannonomyia (Shannonomyia) | 4.114 |
| brevigenua Alexander, 1945, Brachypremna | 4.6 |
| brevigladia Alexander, 1962, Limonia (Dicranomyia) | 4.50 |
| brevihirsutus (Alexander), 1934 (Macromastix), Leptotarsus (Araucomyia) | 4.11 |
| brevilobatus Alexander, 1938, Molophilus (Molophilus) | 4.144 |
| brevilyra Alexander, 1966, Atarba (Ischnothrix) | 4.88 |
| brevinervis Alexander, 1929, Shannonomyia (Shannonomyia) | 4.114 |
| brevipetalia Alexander, 1950, Limonia (Rhipidia) | 4.74 |
| breviramosa Alexander, 1936, Limonia (Rhipidia) | 4.74 |
| breviramus Alexander, 1929, Molophilus (Molophilus) | 4.144 |



| | |
|---|-------|
| brevisector (Alexander), 1935 (Isehnotherix), Atarba (Ischnotherix) | 4.88 |
| brevisector Alexander, 1936, Leeteria (Psaronius) | 4.106 |
| brevisetosa Alexander, 1968 (Neophilippiana), Erioptera (Eriopterella) | 4.123 |
| brevisetosa Alexander, 1941, Teucholabis (Teucholabis) | 4.160 |
| brevispica Alexander, 1962, Gonomyia (Gonomyia) | 4.133 |
| brevispinosus Alexander, 1929, Molophilus (Molophilus) | 4.144 |
| brevispinula Alexander, 1930, Limonia (Geranomyia) | 4.61 |
| brevissima Alexander, 1944, Atarba (Atarba) | 4.85 |
| brevissima Alexander, 1926, Gonomyia (Gonomyia) | 4.132 |
| breviterebra Alexander, 1944, Brachypremna | 4.6 |
| brevitibia (Alexander), 1920 (Psaronius), Leeteria (Psaronius) | 4.106 |
| breviuseula (Alexander), 1929 (Eriocera), Hexatoma (Eriocera) | 4.100 |
| brevivena (Osten Sacken), 1869 (Dieranomyia), Limonia (Dicranomyia) | 4.50 |
| breviventris (Wiedemann), 1821 (Tipula), Brachypremna | 4.6 |
| bromeliadicola (Alexander), 1912 (Mongoma), Trentepohlia (Paramongoma) | 4.169 |
| browni (Alexander), 1940 (Maeromastix), Leptotarsus (Longurio) | 4.11 |
| browniana Alexander, 1940, Tipula (Eumierotipula) | 4.23 |
| brownianus Alexander, 1945, Molophilus (Molophilus) | 4.144 |
| bruchi Alexander, 1920, Gonomyia (Lipophleps) | 4.135 |
| bruehi Alexander, 1923, Molophilus (Molophilus) | 4.145 |
| bruchi Alexander, 1926, Polymera (Polymera) | 4.111 |
| bruchi Alexander, 1920, Tipula (Eumierotipula) | 4.23 |
| bruehiana Alexander, 1929, Limonia (Rhipidia) | 4.74 |
| bruesi Alexander, 1945, Tipula (Mierotipula) | 4.33 |
| bruneri (Alexander), 1928 (Eriocera), Hexatoma (Eriocera) | 4.100 |
| bruneri Alexander, 1926, Teucholabis (Teucholabis) | 4.160 |
| bruneriana Alexander, 1937, Shannonomyia (Shannonomyia) | 4.114 |
| brunneicornis Alexander, 1916, Atarba (Atarba) | 4.86 |
| brunneipennis Alexander, 1938, Elephantomyia (Elephantomyia) | 4.94 |
| brunneipes (Williston), 1900 (Eriocera), Hexatoma (Eriocera) | 4.100 |
| bulbibasis Alexander, 1944, Gnophomyia | 4.128 |
| bulbifera Alexander, 1943, Atarba (Atarba) | 4.86 |
| bulbifera Alexander, 1948, Austrolimnophila (Austrolimnophila) | 4.89 |
| bullocki (Alexander), 1931 (Maeromastix), Leptotarsus (Longurio) | 4.11 |
| bullocki (Alexander), 1935 (Astelobia), Sigmatomera (Austrolimnobia) | 4.156 |
| bullockiana Alexander, 1938, Limonia (Dieranomyia) | 4.51 |
| bullockiana (Alexander), 1939 (Limnophila), Shannonomyia (Shannonomyia) | 4.114 |
| buscki Alexander, 1913, Epiphragma (Epiphragma) | 4.96 |
| buscki Alexander, 1915, Teucholabis (Teucholabis) | 4.161 |
| bustilloi Alexander, 1938, Limonia (Geranomyia) | 4.61 |
| byersiana Alexander, 1968, Austrolimnophila (Austrolimnophila) | 4.89 |
| cabralensis Alexander, 1945, Hexatoma (Eriocera) | 4.100 |
| eacoxcna Alexander, 1929, Shannonomyia (Shannonomyia) | 4.114 |
| caeminis Alexander, 1945, Nephrotoma | 4.17 |
| Caenoglochina Alexander, 1964 | 4.47 |
| Caenolimonia Alexander, 1967 | 4.48 |
| caenosus Alexander, 1936, Molophilus (Molophilus) | 4.145 |
| caesia Alexander, 1937, Shannonomyia (Shannonomyia) | 4.114 |



| | |
|--|-------|
| calceatus Alexander, 1929, <i>Molophilus</i> (<i>Molophilus</i>) | 4.145 |
| caliptera Say, 1823, <i>Erioptera</i> (<i>Mesocyphona</i>) | 4.124 |
| calliargon Alexander, 1939, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.51 |
| callinota Alexander, 1941, <i>Limonia</i> (<i>Geranomyia</i>) | 4.61 |
| calliope (Alexander), 1945 (<i>Holorusia</i>) <i>Ischnotoma</i> (<i>Icriomastax</i>) . | 4.8 |
| calliope (Alexander), 1945 (<i>Tanypremna</i>), <i>Leptotarsus</i> (<i>Tany-</i> <i>premna</i>) | 4.14 |
| callope Alexander, 1944, <i>Trentepohlia</i> (<i>Paramongoma</i>) | 4.169 |
| callisto Alexander, 1944, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.23 |
| <i>Caloptera</i> Guérin-Ménéville, 1831 | 4.99 |
| caloptera Osten Sacken, 1887, <i>Gnophomyia</i> | 4.128 |
| calopus Walker, 1856, <i>Lecteria</i> (<i>Lecteria</i>) | 4.106 |
| calverti Alexander, 1914, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.135 |
| calverti (Alexander), 1912 (<i>Rhipidia</i>), <i>Limonia</i> (<i>Rhipidia</i>) | 4.74 |
| calvicornis (Edwards), 1919 (<i>Prionocera</i>), <i>Zelandotipula</i> | 4.41 |
| calypso (Alexander), 1945 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.41 |
| caminaria (Wiedemann), 1828 (<i>Limnobia</i>), <i>Hexatoma</i> (<i>Eriocera</i>) . | 4.100 |
| camp Alexander, 1914, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.23 |
| Campbellomyia Alexander, 1925 | 4.93 |
| cana (Walker), 1848 (<i>Limnobia</i>), <i>Erioptera</i> (<i>Symplecta</i>) | 4.126 |
| cancellata Alexander, 1962, <i>Limnophila</i> (<i>Limnophila</i>) | 4.107 |
| candida Alexander, 1912, <i>Brachypremna</i> | 4.6 |
| candidipes (Alexander), 1923 (<i>Pentoptera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) | 4.100 |
| candiditarsis Alexander, 1937, <i>Austrolimnophila</i> (<i>Austrolimnophila</i>) | 4.90 |
| canopus Alexander, 1952, <i>Molophilus</i> (<i>Molophilus</i>) | 4.145 |
| cantareirae Alexander, 1945, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.135 |
| caparaocnsis Alexander, 1944, <i>Austrolimnophila</i> (<i>Austrolimnophila</i>) | 4.90 |
| caparaocnsis Alexander, 1944, <i>Rhabdomastix</i> (<i>Sacandaga</i>) | 4.155 |
| caparaonus (Alexnader), 1944 (<i>Macromastix</i>), <i>Leptotarsus</i> (<i>Lon-</i> <i>gurio</i>) | 4.12 |
| capitella Alexander, 1945, <i>Atarba</i> (<i>Ischnothrix</i>) | 4.88 |
| capitonijs Alexander, 1945, <i>Limonia</i> (<i>Caenoglochina</i>) | 4.48 |
| capniopterus Alexander, 1945, <i>Helius</i> | 4.45 |
| capnora (Alexander), 1921 (<i>Dicranomyia</i>), <i>Limonia</i> (<i>Neoglochina</i>) | 4.68 |
| capra Alexander, 1947, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.50 |
| capricornis Alexander, 1916, <i>Molophilus</i> (<i>Molophilus</i>) | 4.145 |
| captiosa Alexander, 1945, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.100 |
| capucina Alexander, 1947, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.23 |
| carbonaria Alexander, 1931, <i>Aphrophila</i> | 4.118 |
| carbonipes (Alexander), 1938 (<i>Tanypremna</i>), <i>Leptotarsus</i> (<i>Tany-</i> <i>premna</i>) | 4.14 |
| caribaea Alexander, 1932, <i>Limonia</i> (<i>Neolimonia</i>) | 4.70 |
| carizona Alexander, 1913, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.23 |
| earpatae Alexander, 1941, <i>Limonia</i> (<i>Rhipidia</i>) | 4.76 |
| carpishensis Alexander, 1949, <i>Molophilus</i> (<i>Molophilus</i>) | 4.145 |
| carrerae Alexander, 1943, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.135 |
| carrerae Alexander, 1942, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.100 |
| carreranus (Alexander), 1945 (<i>Macromastix</i>), <i>Leptotarsus</i> (<i>Lon-</i> <i>gurio</i>) | 4.12 |
| carrerella Alexander, 1956, <i>Ozodicera</i> (<i>Ozodicera</i>) | 4.19 |
| carunculata Alexander, 1941, <i>Limonia</i> (<i>Geranomyia</i>) | 4.61 |
| cassandra Alexander, 1945, <i>Limonia</i> (<i>Rhipidia</i>) | 4.75 |
| castroensis Alexander, 1929, <i>Amphineurus</i> (<i>Amphineurus</i>) | 4.117 |

| | |
|--|-------|
| catamarcae Alexander, 1929, Gonomyia (Gonomyia) | 4.132 |
| catamarcana Alexander, 1929, Limonia (Dicranomyia) | 4.51 |
| catamarcensis Alexander, 1941, Gonomyia (Progonomyia) | 4.141 |
| catamarcensis Alexander, 1921, Molophilus (Molophilus) | 4.145 |
| catamarcensis (Alexander), 1920 (Holorusia), Zelandotipula) | 4.41 |
| eatharinae Alexander, 1931, Polymera (Polymerodes) | 4.113 |
| catharinensis Alexander, 1931, Teucholabis (Teucholabis) | 4.160 |
| caudifera Alexander, 1945, Ozodicera (Ozodicera) | 4.19 |
| cautinis Alexander, 1941, Limonia (Dicranomyia) | 4.51 |
| cautus Alexander, 1947, Molophilus (Molophilus) | 4.145 |
| cavernicola Alexander, 1964, Polymera (Polymera) | 4.111 |
| cayutuensis Alexander, 1944, Austrolimnophila (Austrolimnophila) | 4.92 |
| colator Alexander, 1946, Epiphragma (Epiphragma) | 4.96 |
| celator Alexander, 1942, Molophilus (Trichomolophilus) | 4.152 |
| celestior Alexander, 1956, Erioptera (Mesocyphona) | 4.124 |
| celestis Alexander, 1940, Erioptera (Erioptera) | 4.123 |
| celestissima (Alexander), 1945 (Austrolimnophila), Limnophila (Habrolimnophila) | 4.107 |
| celestissima (Alexander), 1953 (Holorusia), Zelandotipula | 4.41 |
| centralis Alexander, 1913, Toxorhina (Toxorhina) | 4.167 |
| Ceoneura Alexander, 1924 | 4.11 |
| Ceratocheilus Wcsché, 1910 | 4.167 |
| cerbereana Alexander, 1929, Limonia (Dicranomyia) | 4.51 |
| ccrbereana Alexander, 1945, Shannonomyia (Shannonomyia) | 4.114 |
| cerberus (Alexander), 1927 (Geranomyia), Limonia (Geranomyia) | 4.61 |
| cermatoleuca Alexander, 1967, Limonia (Rhipidia) | 4.75 |
| cerogama Alexander, 1944, Tipula (Microtipula) | 4.33 |
| eerrita (Alexander), 1945 (Tanypremna), Leptotarsus (Tanypremna) | 4.114 |
| certa Alexander, 1952, Gnophomyia | 4.128 |
| certhia (Alexander), 1916 (Geranomyia), Limonia (Geranomyia) . | 4.61 |
| cervaria Alexander, 1938, Gonomyia (Lipophleps) | 4.136 |
| cervus Alexander, 1929, Molophilus (Molophilus) | 4.145 |
| chacopata Alexander, 1944, Tipula (Eumicrotipula) | 4.23 |
| chalybeia Alexander, 1927, Teucholabis (Paratropesa) | 4.158 |
| chalybeiventris Alexander, 1949, Hexatoma (Eriocera) | 4.100 |
| chalybeiventris (Loew), 1861 (Rhamphidia), Teucholabis (Teu- cholabis) | 4.160 |
| chanca Alexander, 1945, Tipula (Eumicrotipula) | 4.23 |
| chaparensis Alexander, 1962, Orimarga (Orimarga) | 4.82 |
| charmosyne Alexander, 1967, Tipula (Eumicrotipula) | 4.23 |
| charon Alexander, 1937, Limnophila (Limnophila) | 4.109 |
| Cheilotrichia Rossi, 1848 | 4.119 |
| chiapasensis Alexander, 1927, Gonomyia (Gonomyia) | 4.132 |
| chiapasensis Alexander, 1938, Toxorhina (Ceratocheilus) | 4.167 |
| chicana Alexander, 1945, Tipula (Eumicrotipula) | 4.23 |
| Chilelimnophila Alexander, 1968 | 4.92 |
| chilena Alexander, 1928, Aphrophila | 4.118 |
| chilensis Blanchard, 1852 (Limnophila) | 4.117 |
| chilensis (Alexander), 1913 (Furcomyia), Limonia (Dicranomyia) | 4.51 |
| chilensis Alexander, 1929, Stibadocera | 4.41 |
| chilensis Alexander, 1920, Tipula (Eumicrotipula) | 4.23 |
| chillanica Alexander, 1945, Tipula (Eumicrotipula) | 4.23 |

| | |
|---|-------|
| chiloeana Alexander, 1953, Austrolimnophila (Austrolimnophila) . | 4.90 |
| chiloeana Alexander, 1967, Limonia (Rhipidia) | 4.75 |
| chiloensis Alexander, 1929, Edwardsomyia | 4.93 |
| chilota Alexander, 1929, Cryptolabis (Cryptolabis) | 4.120 |
| chilota Alexander, 1929, Gnophomyia | 4.128 |
| chilota (Alexander), 1929 (Tricyphona), Pedicia (Tricyphona) .. | 4.84 |
| chilota Alexander, 1929, Rhabdomastix (Rhabdomastix) | 4.155 |
| chilota Alexander, 1929, Tipula (Eumicrotipula) | 4.23 |
| chlmborazicola Alexander, 1945, Limonia (Dicranomyia) | 4.51 |
| chlmborazo (Alexander), 1945 (Holorusia), Zelandotipula | 4.41 |
| chlonomera Alexander, 1945, Orimarga (Orimarga) | 4.82 |
| chionopoda Alexander, 1943, Elephantomyia (Elephantomyia) ... | 4.94 |
| chionopus Alexander, 1943, Orimarga (Orimarga) | 4.82 |
| chiriquiana Alexander, 1945, Elephantomyia (Elephantomyia) | 4.94 |
| chiriquiana Alexander, 1934, Trentepohlia (Paramongoma) | 4.169 |
| chiriquiensis Alexander, 1941, Elephantomyia (Elephantomyia) .. | 4.94 |
| chiriquiensis Alexander, 1934, Molophilus (Molophilus) | 4.145 |
| chiriquiensis Alexander, 1941, Polymera (Polymera) | 4.111 |
| chlorotica (Philippi), 1865 (Limnobia), Limonia (Dicranomyia) .. | 4.51 |
| chrysoptera (Walker), 1856 (Limnobia), Hexatoma (Eriocera) ... | 4.101 |
| chrysopteroides (Alexander), 1922 (Eriocera), Hexatoma (Eriocera) | 4.101 |
| chrysostigma (Alexander), 1944 (Macromastix), Leptotarsus (Longurio) | 4.12 |
| cincticornis Alexander, 1916, Atarba (Atarba) | 4.86 |
| cinctiventris Alexander, 1967, Elephantomyia (Elephantomyia) .. | 4.94 |
| cineracea Philippi, 1865, (Limnophila) | 4.117 |
| cinerea (Philippi), 1865 (Polymoria) | 4.117 |
| cinereiceps Alexander, 1928, Teucholabis (Teucholabis) | 4.160 |
| cinereinota (Alexander), 1913 (Geranomyia), Limonia (Geranomyia) | 4.61 |
| cinereipennis Alexander, 1937, Ozodicera (Ozodicera) | 4.19 |
| cinereipennis Alexander, 1926, Polymera (Polymera) | 4.111 |
| cingara Alexander, 1948, Shannonomyia (Shannonomyia) | 4.114 |
| clrce Alexander, 1945, Atarba (Atarba) | 4.86 |
| circinata Osten Sacken, 1886, Epiphragma (Epiphragma) | 4.96 |
| circumscripata Alexander, 1945, Teucholabis (Teucholabis) | 4.160 |
| circumscripata (Loew), 1863 (Pachyrrhina), Nephrotoma | 4.17 |
| cisatlantica Alexander, 1937, Hexatoma (Cladolipes) | 4.99 |
| cisatlanticus (Alexander), 1937 (Xenotipula), Leptotarsus (Xeno- tipula) | 4.16 |
| cisatlanticus Alexander, 1938, Protohelius | 4.83 |
| cithariformis Alexander, 1967, Tipula (Microtipula) | 4.33 |
| citripes Alexander, 1945, Neognophomyia | 4.153 |
| civica Alexander, 1939, Limonia (Geranomyia) | 4.61 |
| cladocerus Alexander, 1921, Molophilus (Molophilus) | 4.145 |
| Cladolipes Loew, 1865 | 4.99 |
| cladophora Alexander, 1920, Erioptera (Erioptera) | 4.123 |
| cladophoroides Alexander, 1921, Erioptera (Erioptera) | 4.123 |
| claribasis Alexander, 1945, Limonia (Dicranomyia) | 4.51 |
| clarkiana Alexander, 1929, Tipula (Eumicrotipula) | 4.23 |
| claudia Alexander, 1945, Epiphragma (Epiphragma) | 4.96 |
| clausa Alexander, 1939, Polymera (Polymera) | 4.111 |
| clavaria Alexander, 1945, Tipula (Eumicrotipula) | 4.23 |
| clavifera Alexander, 1943, Gonomyia (Lipophleps) | 4.136 |
| clavigera Alexander, 1931, Limonia (Dicranomyia) | 4.51 |
| clavigerus Alexander, 1929, Molophilus (Molophilus) | 4.145 |



| | |
|--|-------|
| clavistyla Alexander, 1956, Limonia (Dicranomyia) | 4.51 |
| clementis Alexander, 1945, Limonia (Geranomyia) | 4.66 |
| clitillaria Alexander, 1929, Elephantomyia (Elephantomyia) | 4.94 |
| clotho (Alexander), 1944 (Tanypremna), Leptotarsus (Tanypremna) | 4.14 |
| clymenc Alexander, 1945, Brachypremna | 4.6 |
| coangustata (Alexander), 1944 (Erioptera), Cheilotrichia (Empeda) | 4.119 |
| cohabambae Alexander, 1945, Limonia (Peripheroptera) | 4.72 |
| cochlearis Alexander, 1945, Neognophomyia | 4.153 |
| cockercellae Alexander, 1915, Teucholabis (Teucholabis) | 4.160 |
| coheri Alexander, 1964, Limonia (Dicranomyia) | 4.51 |
| collaris (Osten Sacken), 1887 (Paratropesa), Teucholabis (Paratropesa) | 4.158 |
| colombiana (Alexander), 1937 (Helobia), Erioptera (Symplecta) .. | 4.126 |
| colombicola Alexander 1931, Neognophomyia | 4.153 |
| colombicola Alexander, 1929, Tipula (Microtipula) | 4.33 |
| colomelania Alexander, 1968, Teucholabis (Teucholabis) | 4.160 |
| colophallus Alexander, 1966, Limnophila (Limnophila) | 4.108 |
| colossus Alexander, 1929, Molophilus (Molophilus) | 4.145 |
| columbiana Alexander, 1913, Atarba (Atarba) | 4.86 |
| columbiana (Alexander), 1919 (Eriocera), Hexatoma (Eriocera) . | 4.101 |
| columbianus (Enderlein), 1912 (Pehlkea), Leptotarsus (Pehlkea) .. | 4.13 |
| comantis Alexander, 1948, Austrolimnophila (Austrolimnophila) .. | 4.90 |
| combostena Alexander, 1967, Limonia (Caenolimonia) | 4.48 |
| commelina Alexander, 1946, Limonia (Rhipidia) | 4.75 |
| commina Alexander, 1967, Limonia (Dicranomyia) | 4.51 |
| compacta Alexander, 1941, Gonomyia (Progonomyia) | 4.141 |
| compactus Alexander, 1950, Molophilus (Molophilus) | 4.145 |
| complacita Alexander, 1942, Limonia (Dicranomyia) | 4.51 |
| complexa Alexander, 1950, Limonia (Rhipidia) | 4.75 |
| complicata (Alexander), 1922 (Rhabdomastix), Cheilotrichia (Empeda) | 4.119 |
| concinna (Philippi), 1865 (Tipula), Ischnotoma (Ischnotoma) | 4.9 |
| concinna (Williston), 1896 (Diotrepha), Orimarga (Diotrepha) ... | 4.81 |
| concumbens Alexander, 1942, Trentepohlia (Paramongoma) | 4.169 |
| condensa Alexander, 1938, Gonomyia (Neolipophleps) | 4.139 |
| conica (Alexander), 1914 (Rhipidia), Limonia (Rhipidia) | 4.75 |
| conifera Alexander, 1941, Gonomyia (Paralipophleps) | 4.140 |
| conjuncta (Alexander), 1914 (Pentoptera), Hexatoma (Eriocera) .. | 4.101 |
| eonjuneta Alexander, 1913, Polymera (Polymerodes) | 4.113 |
| conjunctoides Alexander, 1920, Polymera (Polymicrodes) | 4.113 |
| connivens Alexander, 1946, Gonomyia (Gonomyia) | 4.132 |
| Conorhipidia Alexander, 1914 | 4.74 |
| conquisita Alexander, 1941, Limonia (Geranomyia) | 4.61 |
| conspersa (Enderlein), 1912 (Dactylolabis), Paralimnophila | 4.110 |
| conscriptus Alexander, 1938, Molophilus (Molophilus) | 4.145 |
| consociata Alexander, 1942, Neognophomyia | 4.153 |
| consonata Alexander, 1940, Tipula (Eumicrotipula) | 4.23 |
| conspersa (Enderlein), 1912 (Dactylobasis), Paralimnophila | 4.110 |
| conspicillata Alexander, 1945, Tipula (Eumicrotipula) | 4.23 |
| consularis (Osten Sacken), 1886 (Pachyrrhina), Nephrotoma | 4.17 |
| contemplata Alexander, 1951, Tipula (Microtipula) | 4.34 |
| contorta Alexander, 1941, Limonia (Geranomyia) | 4.61 |



| | |
|--|-------|
| contradistincta Alexander, 1936, Limonia (Cacnolimonia) | 4.49 |
| contristans Alexander, 1945, Limonia (Dicranomyia) | 4.51 |
| corallina Alexander, 1938, Limonia (Neolimnobia) | 4.69 |
| cordillerense Alexander, 1913, Epiphragma (Epiphragma) | 4.96 |
| cordillercensis (Alexander), 1913 (Dicranomyia), Limonia (Neolimonia) | 4.70 |
| cornigera (Alexander), 1914 (Eriocera), Hexatoma (Eriocera) ... | 4.101 |
| corolcoensis Alexander, 1962, Hexatoma (Eriocera) | 4.101 |
| coronaria Alexander, 1940, Tipula (Eumicrotipula) | 4.23 |
| coronata Alexander, 1944, Aphrophila | 4.118 |
| correntosana Alexander, 1929, Limonia (Dicranomyia) | 4.56 |
| corrientesana Alexander, 1962, Ozodicera (Ozodicera) | 4.19 |
| cortesi Alexander, 1952, Cryptolabis (Cryptolabis) | 4.120 |
| costalis Alexander, 1913, Erioptera (Mesocyphona) | 4.124 |
| costalis (Williston), 1896 (Rhipidia), Limonia (Rhipidia) | 4.79 |
| costalis Say, 1823, Tipula (Yamatotipula) | 4.40 |
| costaloides (Alexander), 1920 (Rhipidia), Limonia (Rhipidia) ... | 4.75 |
| costaricensis Alexander, 1939, Dicranoptycha | 4.45 |
| costaricensis (Alexander), 1916 (Geranomyia), Limonia (Geranomyia) | 4.61 |
| costaricensis (Alexander), 1922 (Adelphomyia), Paradelphomyia (Oxyrhiza) | 4.109 |
| costaricensis Alexander, 1922, Tipula (Eumicrotipula) | 4.23 |
| coxitalis Alexander, 1944, Gnophomyia | 4.128 |
| cramptoni (Alexander), 1928 (Eriocera), Hexatoma (Eriocera) .. | 4.101 |
| cramptoni (Alexander), 1912 (Rhipidia), Limonia (Rhipidia) | 4.75 |
| crassicornis Alexander, 1964, Shannonomyia (Shannonomyia) | 4.115 |
| crassipyga (Alexander), 1928 (Tricyphona), Pedicia (Tricyphona) | 4.84 |
| crassistyla Alexander, 1966, Neognophomyia | 4.153 |
| crassistyla Alexander, 1965, Tipula (Microtipula) | 4.34 |
| craverii Bellardi, 1859, Tipula (Bellardina) | 4.20 |
| creper Alexander, 1926, Helius | 4.46 |
| crepera Alexander, 1952, Tipula (Eumicrotipula) | 4.23 |
| crepuscula Alexander, 1921, Gonomyia (Lipophleps) | 4.136 |
| crinita Alexander, 1941, Gonomyia (Gonomyia) | 4.132 |
| cristalta (Alexander), 1946 (Holorusia), Zelandotipula | 4.41 |
| cristata Alexander, 1945, Tipula (Eumicrotipula) | 4.24 |
| cristifera (Alexander), 1945 (Holorusia), Zelandotipula | 4.41 |
| cristobuta (Alexander), 1946 (Holorusia), Zelandotipula | 4.41 |
| croceiapicalis Alexander, 1962, Limonia (Dicranomyia) | 4.51 |
| croceibasis Alexander, 1942, Limonia (Pterophlebotomus) | 4.72 |
| crossospila Alexander, 1929, Tipula (Eumicrotipula) | 4.24 |
| Cryptolabis Osten Sacken, 1859 | 4.120 |
| crystallina (Alexander), 1938 (Tanypremna), Leptotarsus (Tanypremna) | 4.15 |
| crystalloptera Alexander, 1921, Polymera (Polymera) | 4.111 |
| Ctedonia Philippi, 1865 | 4.98 |
| Ctenolimnophila Alexander, 1921 | 4.93 |
| ctenonycha Alexander, 1929, Limnophila (Limnophila) | 4.109 |
| Ctenophora Meigen, 1803 | 4.7 |
| ctenophora Alexander, 1921, Gonomyia (Lipophleps) | 4.136 |
| ctenopyga Alexander, 1940, Tipula (Microtipula) | 4.34 |
| cubana Alexander, 1931, Gonomyia (Lipophleps) | 4.136 |



| | |
|---|-------|
| cubana Alexander, 1929, Limonia (Geranomyia) | 4.61 |
| cubense Alexander, 1929, Epiphragma (Epiphragma) | 4.96 |
| cubensis (Alexander), 1928 (Megistomastix), Dolichozepeza (Megistomastix) | 4.8 |
| cubensis (Alexander), 1926 (Eriocera), Hexatoma (Eriocera) | 4.101 |
| cubensis Alexander, 1932, Orimarga (Orimarga) | 4.82 |
| cubitalis Alexander, 1931, Trentepohlia (Paramongoma) | 4.169 |
| cucullata Alexander, 1945, Atarba (Atarba) | 4.86 |
| cultrata Alexander, 1941, Gonomyia (Lipophleps) | 4.136 |
| cuneiformis Alexander, 1947, Teucholabis (Teucholabis) | 4.160 |
| curinao Alexander, 1941, Tipula (Eumicrotipula) | 4.24 |
| curraniana (Alexander), 1945 (Gnophomyia), Eugnophomyia | 4.127 |
| curraniana Alexander, 1944, Limonia (Neoglochina) | 4.68 |
| curta (Alexander), 1925 (Erioptera), Cheilotrichia (Empeda) | 4.119 |
| curtispina Alexander, 1962, Limonia (Dicranomyia) | 4.58 |
| curvata Alexander, 1938, Toxorhina (Toxorhina) | 4.167 |
| cuzcoensis Alexander, 1967, Limonia (Neolimonia) | 4.70 |
| cuzcoensis Alexander, 1966, Neognophomyia | 4.153 |
| cybele Alexander, 1954, Teucholabis (Teucholabis) | 4.166 |
| cyclomera Alexander, 1951, Tipula (Eumicrotipula) | 4.24 |
| cydippe Alexander, 1947, Tipula (Bellardina) | 4.20 |
| cygniformis Alexander, 1953, Ozodicera (Ozodicera) | 4.19 |
| Cylindrotominae | 4.44 |
| cynara Alexander, 1942, Limonia (Peripheroptera) | 4.72 |
| cynotis Alexander, 1945, Epiphragma (Epiphragma) | 4.96 |
| cynthia Alexander, 1945, Erioptera (Mesocyphona) | 4.124 |
| cytherea Alexander, 1942, Limonia (Rhipidia) | 4.75 |
| | |
| damicoi Alexander, 1942, Limonia (Geranomyia) | 4.61 |
| dampfi Alexander, 1927, Erioptera (Erioptera) | 4.123 |
| dampfi (Alexander), 1925 (Dicranomyia), Limonia (Dicranomyia) | 4.51 |
| dampfi Alexander, 1925, Nephrotoma | 4.17 |
| dampfi Alexander, 1926, Orimarga (Orimarga) | 4.82 |
| dampfi Alexander, 1939, Shannonomyia (Shannonomyia) | 4.115 |
| dampfi Alexander, 1927, Teucholabis (Teucholabis) | 4.160 |
| dampfiana Alexander, 1938, Gonomyia (Euptilostena) | 4.132 |
| dampfiana Alexander, 1946, Tipula (Lunatipula) | 4.32 |
| darlingtoni Alexander, 1939, Dolichozepeza (Megistomastix) | 4.8 |
| darlingtoni (Alexander), 1937 (Gnophomyia), Eugnophomyia | 4.127 |
| darlingtoniana Alexander, 1939, Tipula (Eumicrotipula) | 4.24 |
| dasycera Alexander, 1948, Atarba (Atarba) | 4.86 |
| Dasymolophilus Goetghebuer, 1920 | 4.157 |
| dasyphallus Alexander, 1949, Gonomyia (Gonomyia) | 4.132 |
| debilior Alexander, 1943, Molophilus (Molophilus) | 4.145 |
| debilis Alexander, 1928, Gonomyia (Gonomyia) | 4.133 |
| debilistylus Alexander, 1937, Molophilus (Molophilus) | 4.145 |
| debilitata Alexander, 1949, Neognophomyia | 4.153 |
| decasbila (Wiedemann), 1828 (Limnobia) | 4.117 |
| decens Alexander, 1942, Tipula (Microtipula) | 4.34 |
| deceptrix Alexander, 1945, Limonia (Neolimonia) | 4.70 |
| decincta Alexander, 1962, Elephantomyia (Elephantomyia) | 4.94 |
| decisa (Alexander), 1914 (Gnophomyia), Ctenolimnophila (Ctenolimnophila) | 4.93 |
| decolorata (Alexander), 1935 (Habromastix), Tipula (Microtipula) | 4.34 |



| | |
|--|-------|
| deccora Alexander, 1920, Teucholabis (Teucholabis) | 4.160 |
| decorata (Philippi), 1865 (Tipula), Ischnotoma (Ischnotoma) | 4.9 |
| dedecora Alexander, 1936, Teucholabis (Teucholabis) | 4.160 |
| defoeanus Alexander, 1952, Molophilus (Molophilus) | 4.145 |
| delectabilis Alexander, 1965, Gnophomyia | 4.128 |
| delectata Alexander, 1940, Tipula (Eumicrotipula) | 4.24 |
| delectissima Alexander, 1954, Austrolimnophila (Mediophragma) .. | 4.92 |
| deliberata Alexander, 1939, Epiphragma (Epiphragma) | 4.96 |
| delicata Alexander, 1913, Gonomyia (Gonomyia) | 4.133 |
| delleatula (Philippi), 1865 (Lachnocera), Atarba (Ischnothrix) .. | 4.88 |
| delicatula Osten Sacken, 1887, Epiphragma (Epiphragma) | 4.96 |
| deliciosa Alexander, 1934, Limonia (Geranomyia) | 4.61 |
| delpontei (Alexander), 1929 (Holorusia), Ischnotoma (Ischnotoma) | 4.9 |
| deludens (Alexander), 1939 (Erioptera), Chellotrichia (Empeda) .. | 4.119 |
| denuda Alexander, 1943, Teucholabis (Teucholabis) | 4.160 |
| deplexa Alexander, 1941, Limonia (Geranomyia) | 4.60 |
| desdemona Alexander, 1949, Teucholabis (Teucholabis) | 4.160 |
| destituta (Alexander), 1942 (Erioptera), Chellotrichia (Empeda) . | 4.119 |
| destituta (Alexander), 1945 (Oxydiscus), Paradelphomyia (Oxyrhiza) | 4.109 |
| stricta Alexander, 1939, Gonomyia (Progonomyia) | 4.141 |
| destrieta Alexander, 1940, Limonia (Geranomyia) | 4.61 |
| detecta Alexander, 1926, Tipula (Microtipula) | 4.34 |
| devexa Alexander, 1937, Dolichoceps (Megistomastix) | 4.8 |
| devota Alexander, 1929, Limonia (Geranomyia) | 4.61 |
| diabolica Alexander, 1944, Limonia (Geranomyia) | 4.62 |
| diacantha Alexander, 1945, Atarba (Atarba) | 4.86 |
| diaecantha Alexander, 1966, Gnophomyia | 4.128 |
| diacanthophora Alexander, 1941, Gonomyia (Lipophleps) | 4.136 |
| diacanthos Alexander, 1921, Tipula (Microtipula) | 4.34 |
| diadema Alexander, 1929, Epiphragma (Epiphragma) | 4.96 |
| diadexia Alexander, 1967, Tipula (Microtipula) | 4.34 |
| diana Alexander, 1944, Teucholabis (Teucholabis) | 4.160 |
| diargyria Alexander, 1941, Limonia (Geranomyia) | 4.62 |
| diazii Alexander, 1937, Gnophomyia | 4.128 |
| dicax Alexander, 1941, Limonia (Neolimonia) | 4.70 |
| diceros Alexander, 1944, Molophilus (Molophilus) | 4.145 |
| diehrooptera Alexander, 1950, Orimarga (Orimarga) | 4.82 |
| Dieranomyia Stephens, 1829 | 4.49 |
| Dieranoptycha Osten Sacken, 1859 | 4.45 |
| Dicranota Zetterstedt, 1838 | 4.84 |
| dictena Alexander, 1942, Gnophomyia | 4.128 |
| dictyophora Alexander, 1962, Tipula (Eumicrotipula) | 4.24 |
| dictyoptera Alexander, 1922, Limnophila (Limnophila) | 4.107 |
| didactyla Alexander, 1942, Tipula (Microtipula) | 4.34 |
| dido Alexander, 1943, Molophilus (Molophilus) | 4.145 |
| didolos Alexander, 1962, Tipula (Microtipula) | 4.34 |
| diffusa Alexander, 1921, Erioptera (Mesocyphona) | 4.124 |
| diffusior Alexander, 1968, Paralimnophila | 4.110 |
| digitifera Alexander, 1945, Atarba (Ischnothrix) | 4.88 |
| digitiformis Alexander, 1941, Gnophomyia | 4.128 |
| Dihexacionus Enderlein, 1912 | 4.18 |
| dilatistyla Alexander, 1966, Atarba (Atarba) | 4.86 |
| dilatatus Alexander, 1951, Molophilus (Molophilus) | 4.145 |
| dileuca Alexander, 1947, Teucholabis (Teucholabis) | 4.160 |



| | |
|--|-------|
| dillmani Alexander, 1952, Gynoplistia (Gynoplistia) | 4.98 |
| dilucida Alexander, 1954, Limonia (Geranomyia) | 4.67 |
| dimidiata (Alexander), 1923 (Eriocera), Hexatoma (Eriocera) .. | 4.104 |
| dimorpha Alexander, 1929, Tipula (Eumicrotipula) | 4.24 |
| dinematophora Alexander, 1943, Atarba (Atarba) | 4.86 |
| Diotrepha Osten Sacken, 1878 | 4.81 |
| diplaca Alexander, 1945, Teucholabis (Teucholabis) | 4.160 |
| diplacantha Alexander, 1966, Gonomyia (Paralipophleps) | 4.140 |
| dirhabda Alexander, 1949, Molophilus (Molophilus) | 4.146 |
| dirhabdophora Alexander, 1951, Tipula (Microtipula) | 4.34 |
| Dirhipis Enderlein, 1917 | 4.98 |
| dirus Alexander, 1943, Molophilus (Molophilus) | 4.146 |
| dis Alexander, 1944, Limonia (Peripheroptera) | 4.72 |
| discalis Alexander, 1929, Polymera (Polymera) | 4.112 |
| Discobola Osten Sacken, 1865 | 4.59 |
| diseophora Alexander, 1951, Tipula (Microtipula) | 4.34 |
| disjuncta (Alexander), 1913 (Mongoma), Trentepohlia (Neomon- goma) | 4.169 |
| disparilis Alexander, 1946, Limonia (Geranomyia) | 4.62 |
| disparilis Alexander, 1944, Trentepohlia (Paramongoma) | 4.169 |
| dispellens (Walker), 1861 (Tipula), Brachypremna | 4.6 |
| dissoluta Alexander, 1929, Limonia (Dicranomyia) | 4.51 |
| distalis Alexander, 1936, Toxorhina (Toxorhina) | 4.167 |
| distans (Osten Sacken), 1859 (Dicranomyia), Limonia (Dicranomyia) | 4.52 |
| distela Alexander, 1967, Limonia (Rhipidia) | 4.75 |
| distifurca Alexander, 1943, Teucholabis (Teucholabis) | 4.160 |
| distifurcula Alexander, 1943, Gnophomyia | 4.128 |
| distifurcus Alexander, 1952, Molophilus (Molophilus) | 4.146 |
| distinctior Alexander, 1952, Elephantomyia (Elephantomyia) | 4.94 |
| distincvis Alexander, 1940, Helius | 4.46 |
| ditzleri Alexander, 1947, Trentepohlia (Paramongoma) | 4.169 |
| diura Alexander, 1942, Limonia (Dicranomyia) | 4.52 |
| diva (Schiner), 1868 (Limnobia), Limonia (Neolimnobia) | 4.70 |
| divaricata (Alexander), 1939 (Erioptera), Chellotrichia (Empeda) | 4.119 |
| diversa (Osten Sacken), 1859 (Dicranomyia), Limonia (Dicranomyia) | 4.52 |
| diversigladia Alexander, 1942, Limonia (Dicranomyia) | 4.52 |
| diversipes (Alexander), 1921 (Limnophila), Austrolimnophila (Limnophilella) | 4.92 |
| diversipes Alexander, 1941, Brachypremna | 4.6 |
| diversipes Alexander, 1939, Cryptolabis (Cryptolabis) | 4.120 |
| divisa Alexander, 1929, Limonia (Dicranomyia) | 4.52 |
| dizygus Alexander, 1962, Molophilus (Molophilus) | 4.146 |
| dolorosa Alexander, 1931, Limonia (Dicranomyia) | 4.52 |
| Dolichocheza Curtis, 1825 | 4.8 |
| dolorosa Alexander, 1922, Gonomyia (Progonomyia) | 4.141 |
| domballah Alexander, 1939, Limonia (Neolimonia) | 4.71 |
| domestica (Osten Sacken), 1859 (Rhipidia), Limonia (Rhipidia) .. | 4.75 |
| domingensis Alexander, 1939, Dolichocheza (Megistomastix) | 4.8 |
| domingensis(Alexander), 1916 (Eriocera), Hexatoma (Eriocera) . | 4.101 |
| domingensis (Alexander), 1916 (Geranomyia), Limonia (Gera- nomyia) | 4.61 |
| domingensis Alexander, 1937, Toxorhina (Toxorhina) | 4.167 |
| dominicae Alexander, 1939, Polymera (Polymera) | 4.111 |
| dominicana Alexander, 1939, Limonia (Geranomyia) | 4.62 |

| | |
|--|------------|
| dominicana Alexander, 1947, Trentepohlia (Paramongoma) | 4.169 |
| dominicensis Alexander, 1939, Limonia (Caenoglochina) | 4.48 |
| dorsolineata Alexander, 1945, Styringomyia | 4.157 |
| dorsolobata Alexander, 1945, Limonia (Dicranomyia) | 4.52 |
| dotata Alexander, 1945, Gonomyia (Lipophleps) | 4.136 |
| dotalis Alexander, 1942, Limonia (Rhipidia) | 4.75 |
| drepanuchus Alexander, 1929, Molophilus (Molophilus) | 4.146 |
| dubia Alexander, 1943, Aymaramyia | 4.119 |
| ducalis Alexander, 1949, Teucholabis (Teucholabis) | 4.161 |
| ductilis Alexander, 1938, Molophilus (Molophilus) | 4.146 |
| duidae Alexander, 1931, Tipula (Eumicrotipula) | 4.24 |
| duidensis Alexander, 1931, Ozodicera (Ozodicera) | 4.19 |
| duidensis Alexander, 1931, Teucholabis (Teucholabis) | 4.161 |
| duplex Alexander, 1937, Gnophomyia | 4.128 |
| durabilis Alexander, 1946, Gonomyia (Gonomyina) | 4.134 |
| durangensis Alexander, 1953, Nephrotoma | 4.17 |
| duseni (Alexander), 1920 (Limnophila), Austrolimnophila (Austrolimnophila) | 4.90 |
| duseni Alexander, 1920, Tipula (Eumicrotipula) | 4.24 |
| duurvoorti Alexander, 1928, Gonomyia (Lipophleps) | 4.136 |
| ecalcarata Alexander, 1947, Cryptolabis (Cryptolabis) | 4.120 |
| echo Alexander, 1952, Molophilus (Molophilus) | 4.146 |
| edax Alexander, 1948, Atarba (Atarba) | 4.87 |
| edwardsi Bellardi, 1859, Tipula (Bellardina) | 4.20 |
| edwardsina Alexander, 1929, Valdiviana | 4.41 |
| Edwardsomyia Alexander, 1929 | 4.93 |
| effecta Alexander, 1944, Ozodicera (Dihexaclonus) | 4.18 |
| effera Alexander, 1929, Tipula (Microtipula) | 4.34 |
| efferox Alexander, 1945, Tipula (Microtipula) | 4.34 |
| effeta Alexander, 1921, Tipula (Microtipula) | 4.34 |
| efficax Alexander, 1945, Tipula (Eumicrotipula) | 4.24 |
| efficiens Alexander, 1943, Gonomyia (Gonomyia) | 4.133 |
| effulta Alexander, 1941, Tipula (Microtipula) | 4.34 |
| egae (Alexander), 1921 (Dieranomyia), Limonia (Caenoglochina) .. | 4.48 |
| egens Alexander, 1952, Teucholabis (Teucholabis) | 4.161 |
| egregia (Alexander), 1929 (Philippiana), Neophilippiana | 4.154 |
| eiseni Alexander, 1913, Erioptera (Mesocyphona) | 4.124 |
| eiseni (Alexander), 1912 (Furcomyia), Limonia (Neolimonia) ... | 4.71 |
| elegans (Fabricius), 1805 (Tipula), Nephrotoma | 4.17 |
| elegantior (Alexander), 1945 (Tanypremna), Leptotarsus (Tanypremna) | 4.14 |
| elegantula (Alexander), 1913 (Dicranomyia), Limonia (Dicranomyia) | 4.52 |
| elegantula (Williston), 1896 (Paehyrrhina), Nephrotoma | 4.17 |
| Elephantomyia Osten Sacken, 1859 | 4.93, 4.94 |
| Elephantomyia Alexander, 1938 | 4.95 |
| eliana Alexander, 1950, Limonia (Rhipidia) | 4.75 |
| eliana Alexander, 1953, Ozodicera (Ozodicera) | 4.19 |
| elissa Alexander, 1948, Teucholabis (Teucholabis) | 4.161 |
| elnora Alexander, 1929, Austrolimnophila (Austrolimnophila) | 4.90 |
| elnora Alexander, 1929, Limonia (Dicranomyia) | 4.52 |
| elnorae (Alexander), 1929 (Ctedonia), Gynoplistia (Gynoplistia) .. | 4.99 |
| Elnoretta Alexander, 1929 | 4.8 |



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|--|-------|
| <i>elongata</i> Alexander, 1942, <i>Orimarga</i> (<i>Diotrepha</i>) | 4.81 |
| <i>elongata</i> Macquart, 1838 (<i>Pachyrhina</i>) | 4.44 |
| <i>elquiensis</i> (Blanchard), 1852 (<i>Limnobia</i>), <i>Limonia</i> (<i>Dicranomyia</i>) | 4.52 |
| <i>eluta</i> (Schiner), 1868 (<i>Tipula</i>), <i>Zelandotipula</i> | 4.43 |
| <i>emarginata</i> Alexander, 1945, <i>Gnophomyia</i> | 4.128 |
| <i>emarginatus</i> Alexander, 1937, <i>Molophilus</i> (<i>Molophilus</i>) | 4.146 |
| <i>emerita</i> Alexander, 1944, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.24 |
| <i>eminens</i> Alexander, 1944, <i>Nephrotoma</i> | 4.17 |
| <i>Empeda</i> Osten Sacken, 1869 | 4.119 |
| <i>Empedomorpha</i> Alexander, 1916 | 4.122 |
| <i>empelia</i> Alexander, 1962, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.52 |
| <i>enderleinana</i> Alexander, 1929, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.24 |
| <i>enderleini</i> (Alexander), 1913 (<i>Geranomyia</i>), <i>Limonia</i> (<i>Geranomyia</i>) | 4.62 |
| <i>enixa</i> Alexander, 1939, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.96 |
| <i>enixoides</i> Alexander, 1962, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.96 |
| <i>epicosma</i> Alexander, 1926, <i>Ozodicera</i> (<i>Ozodicera</i>) | 4.19 |
| <i>epione</i> Alexander, 1944, <i>Tipula</i> (<i>Microtipula</i>) | 4.34 |
| <i>Epiphragma</i> Osten Sacken, 1859 | 4.95 |
| <i>epiphragmoides</i> (Alexander), 1913 (<i>Limnophila</i>), <i>Austrolimnophila</i> (<i>Limnophilella</i>) | 4.92 |
| <i>erectus</i> Alexander, 1953, <i>Molophilus</i> (<i>Molophilus</i>) | 4.146 |
| <i>eremnoptera</i> Alexander, 1967, <i>Limonia</i> (<i>Rhipidia</i>) | 4.75 |
| <i>Eriocera</i> Macquart, 1838 | 4.99 |
| <i>Erioptera</i> Meigen, 1803 | 4.122 |
| <i>Eriopterella</i> Alexander, 1929 | 4.123 |
| <i>Eriopterini</i> | 4.117 |
| <i>eriopteroides</i> Alexander, 1926, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.141 |
| <i>erostrata</i> Alexander, 1945, <i>Tipula</i> (<i>Microtipula</i>) | 4.34 |
| <i>errabunda</i> Alexander, 1929, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.52 |
| <i>errans</i> Alexander, 1944, <i>Trentepohlia</i> (<i>Mongoma</i>) | 4.169 |
| <i>erubescens</i> Alexander, 1944, <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.115 |
| <i>erythraea</i> (Osten Sacken), 1886 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) | 4.101 |
| <i>erythrocephala</i> (Fabricius), 1805 (<i>Tipula</i>), <i>Hexatoma</i> (<i>Eriocera</i>) | 4.102 |
| <i>esau</i> Alexander, 1947, <i>Limonia</i> (<i>Neoglochina</i>) | 4.68 |
| <i>esmeralda</i> Alexander, 1952, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.101 |
| <i>espinozai</i> (Alexander), 1938 (<i>Macromastix</i>), <i>Leptotarsus</i> (<i>Longurio</i>) | 4.12 |
| <i>eucrypta</i> (Alexander), 1953 (<i>Longurio</i>), <i>Leptotarsus</i> (<i>Longurio</i>) .. | 4.12 |
| <i>eudorae</i> (Alexander), 1913 (<i>Peripheroptera</i>), <i>Limonia</i> (<i>Peripherop-</i> (<i>Longurio</i>) | . |
| <i>eudorae</i> (Alexander, 1913 (<i>Peripheroptera</i>), <i>Limonia</i> (<i>Peripherop-</i> tera) | 4.72 |
| <i>Eufurina</i> Alexander, 1946 | 4.156 |
| <i>Eugnophomyia</i> Alexander, 1947 | 4.126 |
| <i>Eulimnophila</i> Alexander, 1919 | 4.110 |
| <i>Eumicrotipula</i> Alexander, 1922 | 4.21 |
| <i>Eumolophilus</i> Alexander, 1921 | 4.143 |
| <i>eumonostylus</i> Alexander, 1952, <i>Molophilus</i> (<i>Molophilus</i>) | 4.146 |
| <i>Euparatropesa</i> Alexander, 1946 | 4.157 |
| <i>euphrosyne</i> Alexander, 1945, <i>Erioptera</i> (<i>Mesocyphona</i>) | 4.124 |
| <i>Euptilostena</i> Alexander, 1938 | 4.132 |
| <i>eurygramma</i> (Alexander), 1928 (<i>Geranomyia</i>), <i>Limonia</i> (<i>Gerano-</i> myia) | 4.62 |
| <i>euryleon</i> Alexander, 1950, <i>Limonia</i> (<i>Neolimonia</i>) | 4.71 |
| <i>eurymera</i> Alexander, 1945, <i>Tipula</i> (<i>Microtipula</i>) | 4.34 |
| <i>euryphallus</i> Alexander, 1967, <i>Limonia</i> (<i>Rhipidia</i>) | 4.75 |



| | |
|--|-------|
| <i>euryptera</i> Alexander, 1953, <i>Limonia</i> (Peripheroptera) | 4.72 |
| <i>eurystyla</i> Alexander, 1953, <i>Ozodicera</i> (Ozodicera) | 4.19 |
| <i>eutaeniata</i> (Bigot), 1888 (<i>Limnophila</i>), <i>Austrolimnophila</i> (<i>Austro-</i> <i>limnophila</i>) | 4.90 |
| <i>euterpe</i> (Alexander), 1945 (<i>Holorusia</i>), <i>Isehnotoma</i> (<i>Ieriomastax</i>) | 4.8 |
| <i>Euteucholabis</i> Alexander, 1946 | 4.158 |
| <i>eutheta</i> Alexander, 1935, <i>Limnophila</i> (<i>Limnophila</i>) | 4.108 |
| <i>evanescens</i> Alexander, 1948, <i>Polymera</i> (<i>Polymerodes</i>) | 4.113 |
| <i>exaeta</i> (Alexander), 1927 (<i>Dieranomyia</i>), <i>Limonia</i> (<i>Dieranomyia</i>) | 4.52 |
| <i>exeavatus</i> Alexander, 1952, <i>Molophilus</i> (<i>Molophilus</i>) | 4.150 |
| <i>excelsior</i> Alexander, 1944, <i>Limonia</i> (<i>Neolimnobia</i>) | 4.70 |
| <i>excessiva</i> Alexander, 1926, <i>Orimarga</i> (<i>Orimarga</i>) | 4.82 |
| <i>excoerdis</i> (Alexander), 1951 (<i>Gnophomyia</i>), <i>Eugnophomyia</i> | 4.127 |
| <i>exemptus</i> (Alexander), 1936 (<i>Habromastix</i>), <i>Leptotarsus</i> (<i>Lon-</i> <i>gurio</i>) | 4.12 |
| <i>exemptus</i> Alexander, 1953, <i>Molophilus</i> (<i>Molophilus</i>) | 4.146 |
| <i>exereita</i> Alexander, 1929, <i>Limonia</i> (<i>Dieranomyia</i>) | 4.52 |
| <i>exilis</i> Alexander, 1916, <i>Tipula</i> (<i>Eumierotipula</i>) | 4.24 |
| <i>expansa</i> Alexander, 1938, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.133 |
| <i>expleta</i> Alexander, 1962, <i>Tipula</i> (<i>Eumierotipula</i>) | 4.24 |
| <i>expressa</i> Alexander, 1937, <i>Limnophila</i> (<i>Limnophila</i>) | 4.107 |
| <i>exquisita</i> (Alexander), 1914 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) ... | 4.101 |
| <i>extensa</i> Alexander, 1914, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.136 |
| <i>extensa</i> Alexander, 1921, <i>Ozodicera</i> (<i>Ozodicera</i>) | 4.19 |
| <i>extensa</i> (Alexander), 1913 (<i>Mongoma</i>), <i>Trentepohlia</i> (<i>Paramon-</i> <i>goma</i>) | 4.169 |
| <i>extenuata</i> Alexander, 1945, <i>Gonomyia</i> (<i>Neolipophleps</i>) | 4.139 |
| <i>extranea</i> Alexander, 1944, <i>Limonia</i> (<i>Dieranomyia</i>) | 4.52 |
| <i>extraordinarius</i> Alexander, 1938, <i>Amphineurus</i> (<i>Amphineurus</i>) ... | 4.117 |
| | |
| <i>fabricii</i> Alexander, 1913, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.96 |
| <i>facinus</i> Alexander, 1943, <i>Molophilus</i> (<i>Molophilus</i>) | 4.148 |
| <i>factiosa</i> Alexander, 1943, <i>Erioptera</i> (<i>Mesocyphona</i>) | 4.124 |
| <i>faetorum</i> (Alexander), 1929 (<i>Holorusia</i>), <i>Isehnotoma</i> (<i>Isehnotoma</i>) | 4.9 |
| <i>faetorum</i> Alexander, 1929, <i>Limonia</i> (<i>Zelandoglochina</i>) | 4.80 |
| <i>faetorum</i> Alexander, 1929, <i>Molophilus</i> (<i>Molophilus</i>) | 4.146 |
| <i>falcicula</i> Alexander, 1962, <i>Limonia</i> (<i>Dieranomyia</i>) | 4.52 |
| <i>falcifer</i> Alexander, 1944, <i>Tipula</i> (<i>Mlerotipula</i>) | 4.34 |
| <i>falcifera</i> Alexander, 1921, <i>Gonomyia</i> (<i>Neolipophleps</i>) | 4.139 |
| <i>falklandica</i> (Enderlein), 1906 (<i>Zalusa</i>), <i>Limonia</i> (<i>Zalusa</i>) | 4.79 |
| <i>falx</i> Alexander, 1938, <i>Molophilus</i> (<i>Molophilus</i>) | 4.146 |
| <i>farri</i> Alexander, 1951, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.96 |
| <i>farri</i> Alexander, 1964, <i>Limonia</i> (<i>Dieranomyia</i>) | 4.52 |
| <i>farriana</i> Alexander, 1964, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.101 |
| <i>farriana</i> Alexander, 1964, <i>Orimarga</i> (<i>Orimarga</i>) | 4.82 |
| <i>fasciata</i> (Guérin-Ménéville), 1830 (<i>Evaniptera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) | 4.101 |
| <i>fasciata</i> (Williston), 1900 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) | 4.105 |
| <i>fasciolaris</i> (Wiedemann), 1828 (<i>Limnobia</i>), <i>Teucholabis</i> (<i>Eupara-</i> <i>tropesa</i>) | 4.158 |
| <i>fascipennis</i> Osten Sacken, 1887, <i>Gnophomyia</i> | 4.129 |
| <i>fassilana</i> (Alexander), 1962 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.42 |
| <i>fatidica</i> Alexander, 1940, <i>Tipula</i> (<i>Eumlcrotipula</i>) | 4.24 |



| | |
|---|-------|
| faustina Alexander, 1945, Trentepohlia (Paramongoma) | 4.169 |
| fazi Alexander, 1928, Tipula (Eumicrotipula) | 4.24 |
| feliciani Alexander, 1945, Tipula (Microtipula) | 4.34 |
| felix Alexander, 1943, Epiphragma (Epiphragma) | 4.96 |
| felix Alexander, 1950, Limonia (Neoglochina) | 4.68 |
| felix Alexander, 1956, Sigmatomera (Sigmatomera) | 4.156 |
| femorana Alexander, 1913, Erioptera (Mesocyphona) | 4.124 |
| femorata Alexander, 1921, Trentepohlia (Paramongoma) | 4.170 |
| ferax Alexander, 1937, Hexatoma (Eriocera) | 4.101 |
| feriata (Alexander), 1929 (Limnophila), Shannonomyia (Shannonomyia) | 4.115 |
| ferocia Alexander, 1936, Tipula (Microtipula) | 4.35 |
| ferruginea (Fabricius), 1805 (Tipula), Nephrotoma | 4.17 |
| ferruginea Williston, 1900, Gnophomyia | 4.128 |
| fessa Alexander, 1944, Gnophomyia | 4.128 |
| fidelis (Alexander), 1929 (Ischnothrix), Atarba (Ischnothrix) | 4.88 |
| fiebrigi Alexander, 1922, Atarba (Atarba) | 4.86 |
| fiebrigi Alexander, 1941, Tipula (Microtipula) | 4.35 |
| fieldi Alexander, 1966, Gonomyia (Progonomyia) | 4.141 |
| fieldi Alexander, 1967, Limonia (Caenoglochina) | 4.48 |
| fieldianus (Alexander), 1956 (Longurio), Leptotarsus (Tanyremna) | 4.14 |
| filicauda (Alexander), 1925 (Dicranomyia), Limonia (Dicranomyia) | 4.53 |
| filiforme Alexander, 1940, Epiphragma (Epiphragma) | 4.96 |
| filiformis Alexander, 1929, Limnophila (Limnophila) | 4.108 |
| filigera Walker, 1856 (Tipula) | 4.44 |
| filiolus Alexander, 1952, Molophilus (Molophilus) | 4.146 |
| filius Alexander, 1952, Molophilus (Molophilus) | 4.146 |
| fissilis Alexander, 1926, Limonia (Atypophthalmus) | 4.47 |
| Flabellifera, authors | 4.7 |
| flabellifera Alexander, 1929, Limonia (Zelandoglochina) | 4.80 |
| flabellifera (Loew), 1851 (Ptilogyna), Phacelodocera | 4.20 |
| flabelliformis Alexander, 1934, Limonia (Rhipidia) | 4.75 |
| flagrans (Alexander), 1928 (Gnophomyia), Eugnophomyia | 4.127 |
| flammeinota (Alexander), 1930 (Eriocera), Hexatoma (Eriocera) | 4.101 |
| flammeipennis Alexander, 1942, Hexatoma (Eriocera) | 4.101 |
| flammeithorax (Alexander), 1949 (Gnophomyia), Eugnophomyia | 4.127 |
| flavaperta Alexander, 1941, Limonia (Dicranomyia) | 4.52 |
| flavella Alexander, 1921, Trentepohlia (Paramongoma) | 4.170 |
| flavexemptus Alexander, 1968, Molophilus (Molophilus) | 4.146 |
| flavibasis Alexander, 1916, Gonomyia (Gonomyia) | 4.133 |
| flavicauda (Bigot), 1888 (Pocilestola) | 4.117 |
| flavida (Williston), 1900 (Eriocera), Hexatoma (Eriocera) | 4.101 |
| flavicornis (Alexander), 1914 (Holorusia), Zelandotipula | 4.42 |
| flavicosta (Alexander), 1928 (Diotrepha), Orimarga (Diotrepha) . | 4.81 |
| flavida (Williston), 1900 (Ericera), Hexatoma (Eriocera) | 4.101 |
| flavida (Philippi), 1865 (Limnobia), Limonia (Dicranomyia) | 4.52 |
| flavida Alexander, 1913, Toxorhina (Toxorhina) | 4.167 |
| flavidula Alexander, 1952, Gynoplistia (Gynoplistia) | 4.99 |
| flavidula Alexander, 1940, Tipula (Eumicrotipula) | 4.24 |
| flavidus Alexander, 1914, Molophilus (Molophilus) | 4.146 |
| flavipennis (Philippi), 1865 (Ctedonia), Gynoplistia (Gynoplistia) | 4.99 |
| flavipennis Osten Sacken, 1873, Sigmatomera (Sigmatomera) | 4.156 |
| flavipennis Philippi, 1865 (Tipula) | 4.44 |
| flavithorax (Wiedemann), 1821 (Limnobia), Teucholabis (Teucho- | |

| | |
|---|-------|
| labis) | 4.161 |
| <i>flavithorax</i> Wiedemann of Schiner, 1868, <i>Teucholabis</i> | 4.165 |
| <i>flavoannulata</i> Jacobs, 1900, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.24 |
| <i>flavofascialis</i> (Alexander), 1924 (<i>Dicranomyia</i>), <i>Limonia</i> (<i>Dicranomyia</i>) | 4.52 |
| <i>flavofimbria</i> Alexander, 1968, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| <i>flavogenualis</i> (Alexander), 1945 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.42 |
| <i>flavopolita</i> Alexander, 1942, <i>Tipula</i> (<i>Microtipula</i>) | 4.35 |
| <i>flebilis</i> Alexander, 1944, <i>Gnophomyia</i> | 4.128 |
| <i>flemingi</i> Alexander, 1950, <i>Molophilus</i> (<i>Molophilus</i>) | 4.146 |
| <i>flexilistylus</i> Alexander, 1931, <i>Molophilus</i> (<i>Molophilus</i>) | 4.146 |
| <i>flinti</i> Alexander, 1967, <i>Molophilus</i> (<i>Molophilus</i>) | 4.146 |
| <i>fluxa</i> Alexander, 1941, <i>Limonia</i> (<i>Geranomyia</i>) | 4.62 |
| <i>foersteri</i> Alexander, 1952, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| <i>foersteriana</i> Alexander, 1967, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.24 |
| <i>forceps</i> Alexander, 1941, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.141 |
| <i>formosissima</i> Alexander, 1946, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| <i>forsteri</i> Alexander, 1962, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.24 |
| <i>forsteriana</i> Alexander, 1962, <i>Limonia</i> (<i>Geranomyia</i>) | 4.62 |
| <i>forsteriana</i> (Alexander), 1962 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.42 |
| <i>fortibasis</i> Alexander, 1966, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.136 |
| <i>forticornis</i> Alexander, 1947, <i>Atarba</i> (<i>Atarba</i>) | 4.86 |
| <i>forticornis</i> Alexander, 1937, <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.114 |
| <i>fortidens</i> Alexander, 1951, <i>Molophilus</i> (<i>Molophilus</i>) | 4.146 |
| <i>fortlor</i> Alexander, 1951, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.25 |
| <i>fragilis</i> Loew, 1851, <i>Toxorhina</i> (<i>Toxorhina</i>) | 4.168 |
| <i>fragosus</i> Alexander, 1937, <i>Helius</i> | 4.46 |
| <i>fraudulenta</i> Alexander, 1928, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.25 |
| <i>frauenfeldi</i> (Schiner), 1868 (<i>Tipula</i>), <i>Ischnotoma</i> (<i>Ischnotoma</i>) .. | 4.9 |
| <i>fuegiensis</i> Alexander, 1920, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.25 |
| <i>fulgens</i> Alexander, 1913, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| <i>fuliginosa</i> (Schiner), 1868 (<i>Pentoptera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) .. | 4.104 |
| <i>fulvinota</i> Alexander, 1962, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| <i>fulvistigma</i> Alexander, 1953, <i>Limonia</i> (<i>Peripheroptera</i>) | 4.72 |
| <i>fulvithorax</i> Alexander, 1966, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.101 |
| <i>fulvithorax</i> (Philippi), 1865 (<i>Pettusa</i>), <i>Limonia</i> (<i>Zelandoglochina</i>) | 4.80 |
| <i>fumibasalis</i> Alexander, 1937, <i>Limonia</i> (<i>Peripheroptera</i>) | 4.73 |
| <i>fumicosta</i> (Alexander), 1921 (<i>Diotrepha</i>), <i>Orimarga</i> (<i>Diotrepha</i>) . | 4.81 |
| <i>fumidapicalis</i> Alexander, 1942, <i>Teucholabis</i> (<i>Euparatropesa</i>) | 4.158 |
| <i>fumipennis</i> (Alexander), 1919 (<i>Rhamphidia</i>), <i>Helius</i> | 4.45 |
| <i>fumipennis</i> Loew, 1851, <i>Ozodicera</i> (<i>Dihexaelonus</i>) | 4.18 |
| <i>fumipennis</i> Alexander, 1939, <i>Rhabdomastix</i> (<i>Sacandaga</i>) | 4.155 |
| <i>fumipennis</i> Alexander, 1939, <i>Toxorhina</i> (<i>Toxorhina</i>) | 4.168 |
| <i>fumipennis</i> Alexander, 1912 (<i>Tipula</i>) | 4.44 |
| <i>fumipes</i> Alexander, 1928, <i>Elephantomyia</i> (<i>Elephantomyia</i>) | 4.94 |
| <i>fumosa</i> (Alexander), 1912 (<i>Fureomyia</i>), <i>Limonia</i> (<i>Neoglochina</i>) . | 4.68 |
| <i>funebri</i> (Alexander), 1922 (<i>Gnophomyia</i>), <i>Eugnophomyia</i> | 4.127 |
| <i>funerea</i> (Alexander), 1938 (<i>Gnophomyia</i>), <i>Eugnophomyia</i> | 4.127 |
| <i>funerula</i> Alexander, 1929, <i>Orimarga</i> (<i>Orimarga</i>) | 4.82 |
| <i>furcifera</i> (Alexander), 1944 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.42 |
| <i>Furcomomyia</i> Meigen, 1818 | 4.49 |
| <i>furcula</i> Alexander, 1962, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.133 |
| <i>furcus</i> Alexander, 1951, <i>Molophilus</i> (<i>Molophilus</i>) | 4.146 |



| | |
|---|-------|
| <i>Furina</i> Jaennicke, 1867 | 4.156 |
| <i>furor</i> Alexander, 1944, <i>Limonia</i> (<i>Geranomyia</i>) | 4.62 |
| <i>furva</i> Alexander, 1930, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| <i>fusea</i> (Jaennicke), 1867 (<i>Ctedonia</i>), <i>Gynoplistia</i> (<i>Dirhipis</i>) | 4.98 |
| <i>fusea</i> Wiedemann, 1828, <i>Polymera</i> (<i>Polymera</i>) | 4.111 |
| <i>fuseifusus</i> Alexander, 1929, <i>Amphineurus</i> (<i>Rhamphoneurus</i>) | 4.118 |
| <i>fuseipennis</i> (Alexander), 1914 (<i>Psaronius</i>), <i>Leetaria</i> (<i>Psaronius</i>) .. | 4.106 |
| <i>fuseipes</i> (Alexander), 1919 (<i>Rhamphidia</i>), <i>Helius</i> | 4.45 |
| <i>fuseipes</i> Alexander, 1921, <i>Trentepohlia</i> (<i>Paramongoma</i>) | 4.170 |
| <i>fuseitarsis</i> (Alexander), 1919 (<i>Tanypremna</i>), <i>Leptotarsus</i> (<i>Tany-</i> <i>premna</i>) | 4.14 |
| <i>fuseitarsis</i> Alexander, 1937, <i>Polymera</i> (<i>Polymera</i>) | 4.111 |
| <i>fuseivena</i> Alexander, 1923, <i>Erioptera</i> (<i>Mesoeypheona</i>) | 4.124 |
| <i>fuseoanalis</i> Alexander, 1946, <i>Ctenolimnophila</i> (<i>Ctenolimnophila</i>) .. | 4.93 |
| <i>fuseopapialis</i> Alexander, 1944, <i>Atarba</i> (<i>Atarba</i>) | 4.86 |
| <i>fuseopapialis</i> Alexander, 1937, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| <i>fuseocostalis</i> Alexander, 1947, <i>Gnophomyia</i> | 4.129 |
| <i>fuseocostata</i> (Alexander), 1959 (<i>Gnophomyia</i>), <i>Eugnophomyia</i> ... | 4.127 |
| <i>fuseodisealis</i> Alexander, 1938, <i>Erioptera</i> (<i>Mesoeypheona</i>) | 4.124 |
| <i>fuseohalterata</i> Alexander, 1929, <i>Austrolimnophila</i> (<i>Austrolimno-</i> <i>phila</i>) | 4.90 |
| <i>fuseolimbata</i> Alexander, 1950, <i>Trentepohlia</i> (<i>Paramongoma</i>) | 4.170 |
| <i>fuseolineata</i> Alexander, 1929, <i>Limonia</i> (<i>Dieranomyia</i>) | 4.56 |
| <i>fuseopleuralis</i> Alexander, 1927, <i>Molophilus</i> (<i>Molophilus</i>) | 4.147 |
| <i>fuseostigmatis</i> (Alexander), 1966 (<i>Limnophila</i>), <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.115 |
| <i>fuseostigmata</i> (Alexander), 1929 (<i>Holorusia</i>), <i>Isehnnotoma</i> (<i>Isehno-</i> <i>toma</i>) | 4.9 |
| <i>fuseoterminalis</i> Alexander, 1949, <i>Trentepohlia</i> (<i>Neomongoma</i>) | 4.169 |
| <i>fuseovenosa</i> Alexander, 1928, <i>Cryptolabis</i> (<i>Cryptolabis</i>) | 4.121 |
| <i>gaigei</i> Alexander, 1928, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.96 |
| <i>galapagoensis</i> Alexander, 1962, <i>Limonia</i> (<i>Dieranomyia</i>) | 4.53 |
| <i>galatea</i> Alexander, 1949, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| <i>galbipes</i> Alexander, 1967, <i>Limonia</i> (<i>Caenolimonia</i>) | 4.49 |
| <i>gargantua</i> Alexander, 1941, <i>Molophilus</i> (<i>Molophilus</i>) | 4.147 |
| <i>gaudens</i> (Alexander), 1922 (<i>Geranomyia</i>), <i>Limonia</i> (<i>Geranomyia</i>) | 4.62 |
| <i>geijskesana</i> Alexander, 1946, <i>Sigmatomera</i> (<i>Sigmatomera</i>) | 4.156 |
| <i>geijskesi</i> Alexander, 1945, <i>Braehypremna</i> | 4.6 |
| <i>gelatifer</i> Edwards, 1934, <i>Limonia</i> (<i>Geranomyia</i>) | 4.65 |
| <i>geminata</i> Alexander, 1943, <i>Atarba</i> (<i>Isehnothrix</i>) | 4.88 |
| <i>gemula</i> Alexander, 1946, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.133 |
| <i>geniculata</i> Alexander, 1915, <i>Polymera</i> (<i>Polymera</i>) | 4.111 |
| <i>geniculata</i> (Alexander), 1914 (<i>Mongoma</i>), <i>Trentepohlia</i> (<i>Para-</i> <i>mongoma</i>) | 4.170 |
| <i>gentilis</i> (Alexander), 1943 (<i>Tanypremna</i>), <i>Leptotarsus</i> (<i>Tany-</i> <i>premnella</i>) | 4.15 |
| <i>genuale</i> Alexander, 1934, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.96 |
| <i>Geotipula</i> Savechenko, 1964 | 4.40 |
| <i>Geranomyia</i> Haliday, 1833 | 4.59 |
| <i>gesneri</i> (Enderlein), 1912 (<i>Aldrovandia</i>), <i>Leptotarsus</i> (<i>Aldrovandia</i>) | 4.11 |
| <i>gibbera</i> (Alexander), 1916 (<i>Dieranomyia</i>), <i>Limonia</i> (<i>Dieranomyia</i>) | 4.53 |
| <i>gillottae</i> Alexander, 1928, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.136 |

| | |
|--|-------|
| <i>gilvipennis</i> Alexander, 1928, <i>Gynoplistia</i> (<i>Gynoplistia</i>) | 4.99 |
| <i>glabrieristata</i> Alexander, 1939, <i>Nephrotoma</i> | 4.17 |
| <i>glabripennis</i> (Alexander), 1948 (<i>Gnophomyia</i>), <i>Eugnophomyia</i> ... | 4.127 |
| <i>glabrispina</i> Alexander, 1926, <i>Gonomyia</i> (<i>Neolipophleps</i>) | 4.139 |
| <i>glabristyla</i> Alexander, 1946, <i>Tipula</i> (<i>Microtipula</i>) | 4.37 |
| <i>glabristylatus</i> Alexander, 1929, <i>Amphineurus</i> (<i>Rhamphineurus</i>) .. | 4.118 |
| <i>glabritergata</i> Alexander, 1965, <i>Gnophomyia</i> | 4.129 |
| <i>gladiator</i> Alexander, 1919, <i>Gonomyia</i> (<i>Paralipophleps</i>) | 4.140 |
| <i>gladiator</i> Alexander, 1914, <i>Tipula</i> (<i>Microtipula</i>) | 4.35 |
| <i>glaphyoptera</i> Philippi, 1865, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.25 |
| <i>glauca</i> (Alexander), 1916 (<i>Geranomyia</i>), <i>Limonia</i> (<i>Geranomyia</i>) .. | 4.62 |
| <i>globulicornis</i> (Alexander), 1924 (<i>Dieranomyia</i>), <i>Limonia</i> (<i>Dieranomyia</i>) | 4.53 |
| <i>globulicornis</i> Alexander, 1968, <i>Shannonomyia</i> (<i>Shannonomyia</i>) ... | 4.115 |
| <i>glochinosides</i> (Alexander), 1922 (<i>Peripheroptera</i>), <i>Limonia</i> (<i>Peripheroptera</i>) | 4.73 |
| <i>gloriosa</i> (Alexander), 1912 (<i>Fureomyia</i>), <i>Limonia</i> (<i>Dieranomyia</i>) | 4.53 |
| <i>glossophora</i> Alexander, 1962, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.25 |
| <i>Gnophomyia</i> Osten Sacken, 1859 | 4.127 |
| <i>golbaichi</i> (Alexander), 1962 (<i>Gnophomyia</i>), <i>Eugnophomyia</i> | 4.127 |
| <i>gomesi</i> Alexander, 1942, <i>Molophilus</i> (<i>Molophilus</i>) | 4.147 |
| <i>gomesiana</i> Alexander, 1945, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.101 |
| <i>Gonomyia</i> Osten Sacken, 1869 | 4.131 |
| <i>Gonomyella</i> Alexander, 1917 | 4.141 |
| <i>Gonomyia</i> Meigen, 1818 | 4.132 |
| <i>Gonomyina</i> Alexander, 1946 | 4.134 |
| <i>gowdeyi</i> Alexander, 1932, <i>Limonia</i> (<i>Discobola</i>) | 4.59 |
| <i>gowdeyi</i> Alexander, 1928, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| <i>goyazanus</i> (Alexander), 1940 (<i>Macromastix</i>), <i>Leptotarsus</i> (<i>Longurio</i>) | 4.12 |
| <i>goyazensis</i> Alexander, 1940, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.101 |
| <i>goyazicola</i> Alexander, 1945, <i>Tipula</i> (<i>Microtipula</i>) | 4.34 |
| <i>gracilicorne</i> Alexander, 1916, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.96 |
| <i>gracillior</i> Alexander, 1944, <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.115 |
| <i>gracillipes</i> (Walker), 1836 (<i>Tipula</i>), <i>Zelandotipula</i> | 4.42 |
| <i>gracillirama</i> Alexander, 1940, <i>Limonia</i> (<i>Rhipidia</i>) | 4.75 |
| <i>gracillirama</i> Alexander, 1941, <i>Ozodicera</i> (<i>Dihexaelonus</i>) | 4.18 |
| <i>gracilis</i> (Osten Sacken), 1886 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) .. | 4.101 |
| <i>gracilis</i> Osten Sacken, 1886, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| <i>gracilis</i> (Westwood), 1835 (<i>Hemietelna</i>), <i>Ozodicera</i> (<i>Ozodicera</i>) .. | 4.19 |
| <i>graphica</i> Schiner, 1868, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.25 |
| <i>grisea</i> Alexander, 1913, <i>Polymera</i> (<i>Polymera</i>) | 4.111 |
| <i>griseipennis</i> Loew, 1851, <i>Ozodicera</i> (<i>Ozodicera</i>) | 4.19 |
| <i>grossa</i> Alexander, 1938, <i>Limonia</i> (<i>Neoglochina</i>) | 4.69 |
| <i>grus</i> Alexander, 1941, <i>Molophilus</i> (<i>Molophilus</i>) | 4.147 |
| <i>guarani</i> Alexander, 1914, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.25 |
| <i>guatemalensis</i> (Alexander), 1916 (<i>Geranomyia</i>), <i>Limonia</i> (<i>Geranomyia</i>) | 4.62 |
| <i>guatemalensis</i> Alexander, 1913, <i>Molophilus</i> (<i>Molophilus</i>) | 4.147 |
| <i>guatemalensis</i> (Alexander), 1926 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.41 |
| <i>guato</i> Alexander, 1912, <i>Tipula</i> (<i>Microtipula</i>) | 4.35 |
| <i>guayaquilensis</i> Alexander, 1938, <i>Gonomyia</i> (<i>Paralipophleps</i>) | 4.140 |
| <i>guerrerensis</i> Alexander, 1946, <i>Limonia</i> (<i>Rhipidia</i>) | 4.76 |



| | |
|---|-------|
| guerreroensis Alexander, 1940, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.133 |
| guerreroensis Alexander, 1940, <i>Tipula</i> (<i>Microtipula</i>) | 4.35 |
| guianensis Alexander, 1930, <i>Limonia</i> (<i>Geranomyia</i>) | 4.62 |
| guianensis Alexander, 1934, <i>Ozodicera</i> (<i>Dihexaclonus</i>) | 4.18 |
| guimaracsi (Alexander), 1942 (<i>Macromastix</i>), <i>Leptotarsus</i> (<i>Longurio</i>) | 4.12 |
| gulosa Alexander, 1943, <i>Ericptera</i> (<i>Mesocyphona</i>) | 4.124 |
| guttata (Philippi), 1865 (<i>Limnobia</i>), <i>Limonia</i> (<i>Dicranomyia</i>) | 4.51 |
| gutticellula Alexander, 1936, <i>Tipula</i> (<i>Microtipula</i>) | 4.35 |
| guttistigma Alexander, 1941, <i>Pedicia</i> (<i>Tricyphona</i>) | 4.84 |
| guttulatissima Alexander, 1913, <i>Limnophila</i> (<i>Limnophila</i>) | 4.107 |
| guzmani (Alexander), 1953 (<i>Holorusia</i>), <i>Ischnotoma</i> (<i>Ischnotoma</i>) | 4.10 |
| <i>Gymnastes</i> Brunetti, 1911 | 4.142 |
| <i>gymnocera</i> (Alexander), 1938 (<i>Macromastix</i>), <i>Leptotarsus</i> (<i>Longurio</i>) | 4.12 |
| <i>gymnocladus</i> Alexander, 1928, <i>Molophilus</i> (<i>Molophilus</i>) | 4.147 |
| <i>Gynoplistia</i> Westwood, 1835 | 4.98 |
| haagi Alexander, 1946, <i>Molophilus</i> (<i>Molophilus</i>) | 4.147 |
| <i>Habrolimnophila</i> Alexander, 1968 | 4.107 |
| haemorrhoea (Osten Sacken), 1886 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) | 4.101 |
| haitensis Alexander, 1939, <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.115 |
| halophila Alexander, 1929, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.53 |
| halterata Alexander, 1966, <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.115 |
| haploa Alexander, 1926, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.136 |
| haploides Alexander, 1938, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.136 |
| harpax Alexander, 1952, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.53 |
| harpyia Alexander, 1946, <i>Dicranoptycha</i> | 4.45 |
| hatschbachi Alexander, 1954, <i>Helius</i> | 4.46 |
| hazelae Alexander, 1929, <i>Austrolimnophila</i> (<i>Austrolimnophila</i>) | 4.90 |
| hedymopa Alexander, 1944, <i>Tipula</i> (<i>Microtipula</i>) | 4.25 |
| helenae Alexander, 1948, <i>Atarba</i> (<i>Ischnothrix</i>) | 4.88 |
| heliconiae Alexander, 1945, <i>Neognophomyia</i> | 4.153 |
| helios (Alexander), 1949 (<i>Holorusia</i>), <i>Ischnotoma</i> (<i>Icriomastax</i>) .. | 4.9 |
| <i>Helius</i> Lepeletier & Serville, 1828 | 4.45 |
| <i>Hclobia</i> Lepeletier & Serville, 1828 | 4.126 |
| helophila Alexander, 1916, <i>Gonomyia</i> (<i>Neolipophleps</i>) | 4.139 |
| <i>Hemicteina</i> Westwood, 1835 | 4.17 |
| hiera Alexander, 1949, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| hiesione Alexander, 1950, <i>Limonia</i> (<i>Neolimonia</i>) | 4.71 |
| heteracantha Alexander, 1943, <i>Atarba</i> (<i>Atarba</i>) | 4.86 |
| heterodactyla Alexander, 1944, <i>Tipula</i> (<i>Microtipula</i>) | 4.35 |
| heteromera Alexander, 1942, <i>Gonomyia</i> (<i>Paralipophleps</i>) | 4.140 |
| heteropoda Alexander, 1943, <i>Teucholabis</i> (<i>Euparatropesa</i>) | 4.158 |
| heteroxipha Alexander, 1942, <i>Limonia</i> (<i>Geranomyia</i>) | 4.62 |
| hexamelania Alexander, 1951, <i>Tipula</i> (<i>Microtipula</i>) | 4.35 |
| <i>Hexatoma</i> Latreille, 1809 | 4.99 |
| hilaris Alexander, 1945, <i>Cryptolabis</i> (<i>Cryptolabis</i>) | 4.121 |
| hilaris Alexander, 1913, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| hirsuta (Alexander), 1913 (<i>Gnophomyia</i>), <i>Neognophomyia</i> | 4.153 |
| hirsutinota Alexander, 1943, <i>Limonia</i> (<i>Geranomyia</i>) | 4.62 |
| hirsutipes Alexander, 1929, <i>Mesolimnophila</i> | 4.109 |



| | |
|---|-------|
| <i>hirsutissima</i> Alexander, 1962, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.53 |
| <i>hirticornis</i> Alexander, 1943, <i>Atarba</i> (<i>Atarba</i>) | 4.86 |
| <i>hirticornis</i> (Fabricius), 1805 (<i>Chironomus</i>), <i>Polymera</i> (<i>Polymera</i>) | 4.111 |
| <i>hirtilobata</i> Alexander, 1939, <i>Limonia</i> (<i>Rhipidia</i>) | 4.76 |
| <i>hirtistylata</i> Alexander, 1939, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.96 |
| <i>histrio</i> Alexander, 1945, <i>Erioptera</i> (<i>Mesocycphona</i>) | 4.124 |
| <i>histrio</i> Schiner, 1868, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.96 |
| <i>histrionica</i> Alexander, 1943, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.141 |
| <i>histrionica</i> Alexander, 1945, <i>Tipula</i> (<i>Microtipula</i>) | 4.35 |
| <i>hodgei</i> (Alexander), 1939 (<i>Tanypremna</i>), <i>Leptotarsus</i> (<i>Tanypremna</i>) | 4.14 |
| <i>hoffmani</i> Alexander, 1927, <i>Limonia</i> (<i>Caenoglochina</i>) | 4.48 |
| <i>hoffmani</i> Alexander, 1936, <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.115 |
| <i>hoffmaniana</i> Alexander, 1947, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.136 |
| <i>hoffmaniana</i> Alexander, 1937, <i>Limnophila</i> (<i>Limnophila</i>) | 4.107 |
| <i>homilacantha</i> Alexander, 1968, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| <i>homochroa</i> (Alexander), 1926 (<i>Holorusia</i>), <i>Ischnotoma</i> (<i>Ischnotoma</i>) | 4.9 |
| <i>hondurensis</i> Alexander, 1941, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| <i>honesta</i> Alexander, 1940, <i>Polymera</i> (<i>Polymera</i>) | 4.111 |
| <i>honestus</i> Alexander, 1923, <i>Molophilus</i> (<i>Molophilus</i>) | 4.147 |
| <i>hoogstraali</i> Alexander, 1946, <i>Gonomyia</i> (<i>Idiocera</i>) | 4.135 |
| <i>hoogstraali</i> Alexander, 1940, <i>Tipula</i> (<i>Tripletipula</i>) | 4.40 |
| <i>horni</i> (Alexander), 1926 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.42 |
| <i>horrenda</i> Alexander, 1944, <i>Limonia</i> (<i>Neolimonia</i>) | 4.71 |
| <i>horribilis</i> Alexander, 1945, <i>Tipula</i> (<i>Microtipula</i>) | 4.35 |
| <i>horridus</i> (Alexander), 1941 (<i>Tanypremna</i>), <i>Leptotarsus</i> (<i>Tanypremna</i>) | 4.14 |
| <i>hostica</i> Alexander, 1938, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.53 |
| <i>hostica</i> Alexander, 1943, <i>Neognophomyia</i> | 4.153 |
| <i>hostifica</i> Alexander, 1937, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.25 |
| <i>huacapistanae</i> Alexander, 1941, <i>Limonia</i> (<i>Neolimonia</i>) | 4.71 |
| <i>huanca</i> Alexander, 1945, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.25 |
| <i>huanucensis</i> (Alexander), 1953 (<i>Longurio</i>), <i>Leptotarsus</i> (<i>Longurio</i>) | 4.12 |
| <i>humerosa</i> Alexander, 1942, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.53 |
| <i>humidicola</i> Alexander, 1929, <i>Limnophila</i> (<i>Limnophila</i>) | 4.108 |
| <i>humilis</i> Alexander, 1931, <i>Elephantomyia</i> (<i>Elephantomyia</i>) | 4.94 |
| <i>hylonympha</i> Alexander, 1929, <i>Gynoplistia</i> (<i>Gynoplistia</i>) | 4.99 |
| <i>hylonympha</i> Alexander, 1929, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.25 |
| <i>hyperarmatus</i> Alexander, 1939, <i>Molophilus</i> (<i>Molophilus</i>) | 4.147 |
| <i>hyperphallus</i> Alexander, 1938, <i>Limonia</i> (<i>Neolimonia</i>) | 4.71 |
| <i>hyperplatys</i> Alexander, 1944, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.141 |
| <i>hypocrita</i> Alexander, 1935, <i>Limonia</i> (<i>Neolimnobia</i>) | 4.70 |
| <i>hypomela</i> Alexander, 1948, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| <i>hystrix</i> Alexander, 1939, <i>Molophilus</i> (<i>Molophilus</i>) | 4.147 |
| <i>icasta</i> Alexander, 1941, <i>Tipula</i> (<i>Microtipula</i>) | 4.35 |
| <i>Ieriomastax</i> Enderlein, 1912 | 4.8 |
| <i>Idiocera</i> Dale, 1842 | 4.134 |
| <i>Idioglochina</i> Alexander, 1929 | 4.68 |
| <i>Idioneura</i> Philippi, 1865 | 4.126 |
| <i>idoneurus</i> (Alexander), 1924 (<i>Tanypremna</i>), <i>Leptotarsus</i> (<i>Ceoneura</i>) | 4.11 |
| <i>idiophallus</i> Alexander, 1942, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.161 |
| <i>idonea</i> Alexander, 1939, <i>Atarba</i> (<i>Atarba</i>) | 4.86 |



| | |
|---|-------|
| ignara Alexander, 1967, Limonia (Dieranomyia) | 4.53 |
| ignava Alexander, 1943, Shannonomyia (Shannonomyia) | 4.115 |
| ignithorax Alexander, 1929, Atarba (Isehnotherix) | 4.88 |
| iguazuensis (Alexander), 1928 (Microtipula), Tipula (Eumicrotipula) | 4.25 |
| illectus Alexander, 1941, Molophilus (Molophilus) | 4.147 |
| illepida Alexander, 1944, Limonia (Dicranomyia) | 4.53 |
| illicis Alexander, 1921, Gonomyia (Gonomyia) | 4.133 |
| illudens Alexander, 1945, Brachypremna | 4.6 |
| illudens Alexander, 1914, Rhabdomastix (Rhabdomastix) | 4.155 |
| illuminata Alexander, 1967, Limonia (Rhipidia) | 4.76 |
| imitabilis Alexander, 1942, Limonia (Dicranomyia) | 4.53 |
| imitans Alexander, 1913, Epiphragma (Epiphragma) | 4.96 |
| immaculata Alexander, 1913, Erioptera (Mesocyphona) | 4.124 |
| immaeulipennis (Alexander), 1926 (Gnophomyia), Neognophomyia | 4.153 |
| immaeulipes Alexander, 1935, Limonia (Neolimnobia) | 4.70 |
| immaeulipes Alexander, 1941, Epiphragma (Epiphragma) | 4.97 |
| immaeulipleura Alexander, 1946, Teucholabis (Teucholabis) | 4.161 |
| immaculosa Alexander, 1929, Limonia (Dieranomyia) | 4.57 |
| immerens Alexander, 1944, Tipula (Eumicrotipula) | 4.25 |
| immerita Alexander, 1929, Limonia (Geranomyia) | 4.62 |
| immodica Alexander, 1938, Limonia (Neolimonia) | 4.71 |
| immorsa Alexander, 1945, Tipula (Eumicrotipula) | 4.25 |
| impatiens Alexander, 1951, Tipula (Microtipula) | 4.35 |
| impedita Alexander, 1946, Gonomyia (Lipophleps) | 4.136 |
| imperturbata Alexander, 1951, Limonia (Neoglochina) | 4.69 |
| improperata Alexander, 1936, Limonia (Rhipidia) | 4.76 |
| inaequiarmata Alexander, 1962, Tipula (Eumicrotipula) | 4.25 |
| inaequicincta Alexander, 1941, Epiphragma (Epiphragma) | 4.97 |
| inaequidens Alexander, 1946, Tipula (Eumicrotipula) | 4.25 |
| inaequilobata Alexander, 1937, Tipula (Microtipula) | 4.35 |
| inaequipunctinata Alexander, 1929, Limonia (Rhipidia) | 4.76 |
| inaequispinosa Alexander, 1940, Limonia (Geranomyia) | 4.62 |
| inaequituberculata Alexander, 1929, Limonia (Geranomyia) | 4.62 |
| inarmata Alexander, 1928, Tipula (Microtipula) | 4.35 |
| inarmatus Alexander, 1939, Molophilus (Molophilus) | 4.147 |
| inea Alexander, 1968, Teucholabis (Teucholabis) | 4.161 |
| inea Alexander, 1912, Tipula (Eumicrotipula) | 4.25 |
| ineisurata Alexander, 1938, Atarba (Atarba) | 4.86 |
| inecognitus Alexander, 1946, Molophilus (Molophilus) | 4.147 |
| incommoda (Osten Sacken), 1887 (Peripheroptera), Limonia (Peripheroptera) | 4.73 |
| incommoda Alexander, 1928, Limonia (Peripheroptera) | 4.73 |
| incompleta (Alexander), 1944 (Tanyremna), Leptotarsus (Tanyremna) | 4.14 |
| incondita Alexander, 1951, Tipula (Eumicrotipula) | 4.25 |
| ineulta Alexander, 1929, Limnophila (Limnophila) | 4.108 |
| indefensa Alexander, 1939, Limonia (Dicranomyia) | 4.53 |
| indomita Alexander, 1938, Limonia (Neolimonia) | 4.71 |
| indotata Alexander, 1966, Gonomyia (Paralipophleps) | 4.140 |
| indurabilis Alexander, 1966, Molophilus (Molophilus) | 4.147 |
| inepta Alexander, 1942, Teucholabis (Teucholabis) | 4.162 |
| ineptus Alexander, 1938, Helius | 4.46 |



| | |
|--|-------|
| <i>inermis</i> Alexander, 1914, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.136 |
| <i>infamosa</i> Alexander, 1937, <i>Limonia</i> (<i>Geranomyia</i>) | 4.63 |
| <i>infernalis</i> (Alexander), 1947 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.42 |
| <i>infestiva</i> (Alexander), 1929 (<i>Gynoplistia</i>), <i>Paralimnophila</i> | 4.110 |
| <i>infida</i> Alexander, 1941, <i>Tipula</i> (<i>Microtipula</i>) | 4.35 |
| <i>infidelis</i> Alexander, 1929, <i>Austrolimnophila</i> (<i>Austrolimnophila</i>) .. | 4.90 |
| <i>infidelis</i> Alexander, 1951, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.25 |
| <i>infinita</i> Alexander, 1945, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.25 |
| <i>inflexibilis</i> Alexander, 1929, <i>Molophilus</i> (<i>Molophilus</i>) | 4.147 |
| <i>infucata</i> Alexander, 1927, <i>Limonia</i> (<i>Neoglochina</i>) | 4.69 |
| <i>infumata</i> (Philippi), 1865 (<i>Limnobia</i>), <i>Limonia</i> (<i>Dicranomyia</i>) ... | 4.53 |
| <i>infumipennis</i> Alexander, 1942, <i>Toxorhina</i> (<i>Toxorhina</i>) | 4.168 |
| <i>ingens</i> Alexander, 1913, <i>Polymera</i> (<i>Neoglochina</i>) | 4.69 |
| <i>ingenua</i> Alexander, 1945, <i>Limonia</i> (<i>Rhipidia</i>) | 4.76 |
| <i>ingloria</i> Alexander, 1929, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.59 |
| <i>ingrata</i> (Alexander), 1928 (<i>Dicranomyia</i>), <i>Limonia</i> (<i>Dicranomyia</i>) | 4.53 |
| <i>innubens</i> Alexander, 1942, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.26 |
| <i>inornata</i> Alexander, 1913, <i>Polymera</i> (<i>Polymera</i>) | 4.112 |
| <i>inornatipes</i> Alexander, 1939, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.97 |
| <i>inornatipes</i> Alexander, 1925, <i>Erioptera</i> (<i>Mesocyphona</i>) | 4.124 |
| <i>inquieta</i> Alexander, 1943, <i>Limnophila</i> (<i>Limnophillella</i>) | 4.92 |
| <i>inquisita</i> Alexander, 1942, <i>Limonia</i> (<i>Geranomyia</i>) | 4.63 |
| <i>insanus</i> Alexander, 1952, <i>Amphineurus</i> (<i>Rhamphoneurus</i>) | 4.118 |
| <i>insidiosus</i> (Alexander), 1949 (<i>Macromastix</i>), <i>Leptotarsus</i> (<i>Longurio</i>) | 4.12 |
| <i>insignifica</i> (Alexander), 1912 (<i>Furcomyia</i>), <i>Limonia</i> (<i>Dicranomyia</i>) | 4.53 |
| <i>insignis</i> (Loew), 1851 (<i>Aporosa</i>), <i>Limonia</i> (<i>Geranomyia</i>) | 4.63 |
| <i>insolabilis</i> Alexander, 1946, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.53 |
| <i>insolabilis</i> Alexander, 1944, <i>Tipula</i> (<i>Microtipula</i>) | 4.32 |
| <i>instrenua</i> (Alexander), 1942 (<i>Erioptera</i>), <i>Cheilotrichia</i> (<i>Empeda</i>) | 4.119 |
| <i>insularis</i> (Williston), 1896 (<i>Limnobia</i>), <i>Limonia</i> (<i>Neoglochina</i>) ... | 4.69 |
| <i>insularis</i> (Johnson), 1913 (<i>Limnophila</i>) | 4.117 |
| <i>integriloba</i> Alexander, 1943, <i>Atarba</i> (<i>Ischnothrix</i>) | 4.88 |
| <i>integrlistigma</i> Alexander, 1940, <i>Brachypremna</i> | 4.6 |
| <i>integristylus</i> Alexander, 1945, <i>Molophilus</i> (<i>Molophilus</i>) | 4.147 |
| <i>interperata</i> Alexander, 1943, <i>Tipula</i> (<i>Microtipula</i>) | 4.35 |
| <i>intercepta</i> Alexander, 1947, <i>Erioptera</i> (<i>Mesocyphona</i>) | 4.124 |
| <i>interlineata</i> Alexander, 1934, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.102 |
| <i>intermedia</i> (Alexander), 1927 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) .. | 4.102 |
| <i>intermedia</i> (Walker), 1848 (<i>Limnobia</i>), <i>Limonia</i> (<i>Geranomyia</i>) .. | 4.63 |
| <i>intermedia</i> Alexander, 1929, <i>Rhabdomastix</i> (<i>Sacandaga</i>) | 4.155 |
| <i>interrupta</i> Alexander, 1944, <i>Neognophomyia</i> | 4.153 |
| <i>interspersa</i> Alexander, 1953, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.97 |
| <i>interstitialis</i> Alexander, 1940, <i>Limonia</i> (<i>Caenolimonia</i>) | 4.49 |
| <i>inulta</i> Alexander, 1936, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.162 |
| <i>invalida</i> (Alexander), 1916 (<i>Dicranomyia</i>), <i>Limonia</i> (<i>Dicranomyia</i>) | 4.53 |
| <i>invariegata</i> Alexander, 1921, <i>Erioptera</i> (<i>Mesocyphona</i>) | 4.124 |
| <i>invariegatus</i> Alexander, 1938, <i>Helius</i> | 4.46 |
| <i>invaripennis</i> Alexander, 1941, <i>Limonia</i> (<i>Rhipidia</i>) | 4.76 |
| <i>invaripes</i> Alexander, 1939, <i>Cryptolabis</i> (<i>Cryptolabis</i>) | 4.121 |
| <i>invaripes</i> (Alexander), 1936 (<i>Tanyprcmna</i>), <i>Leptotarsus</i> (<i>Tanyprcmna</i>) | 4.14 |
| <i>invaripes</i> Alexander, 1936, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.162 |



| | |
|--|----------|
| invenusta Alexander, 1946, Teucholabis (Euparatropesa) | 4.158 |
| invigilans Alexander, 1951, Tipula (Eumicrotipula) | 4.26 |
| iquitosensis Alexander, 1945, Erioptera (Mesocyphona) | 4.125 |
| iris Alexander, 1929, Austrolimnophila (Austrolimnophila) | 4.90 |
| irrorata (Philippi), 1865 (Polymoria), Paralimnophila | 4.110 |
| isabella Alexander, 1927, Rhabdomastix (Rhabdomastix) | 4.155 |
| Ischnothrix Bigot, 1888 | 4.88 |
| Ischnotoma Skuse, 1890 | 4.8, 4.9 |
| isolatus Alexander, 1952, Molophilus (Molophilus) | 4.147 |
| itaiayana Alexander, 1944, Brachypremna | 4.6 |
| itaiayana Alexander, 1944, Limonia (Dicranomyia) | 4.54 |
| itaiayensis Alexander, 1944, Tipula (Eumicrotipula) | 4.26 |
| ixion (Alexander), 1949 (Macromastix), Leptotarsus (Longurio) .. | 4.12 |
| | |
| jacobsiana Alexander, 1929, Tipula (Eumicrotipula) | 4.26 |
| jactans (Alexander), 1913 (Paratropeza), Teucholabis (Euparatropesa) | 4.158 |
| jaennickeana Alexander, 1929, Tipula (Eumicrotipula) | 4.26 |
| jaffueli Alexander, 1929, Erioptera (Eriopterella) | 4.123 |
| jaffueli Alexander, 1928, Shannonomyia (Shannonomyia) | 4.115 |
| jaliscana Alexander, 1946, Teucholabis (Teucholabis) | 4.162 |
| jamaicae Alexander, 1939, Limonia (Geranomyia) | 4.66 |
| jamaicana Alexander, 1964, Gonomyia (Gonomyia) | 4.133 |
| jamaicensis Alexander, 1926, Limonia (Neolimonia) | 4.71 |
| jamaicensis Alexander, 1928, Tipula (Yamatotipula) | 4.40 |
| jamaicensis Alexander, 1964, Toxorhina (Toxorhina) | 4.168 |
| jejuna Alexander, 1916, Gonomyia (Gonomyia) | 4.133 |
| jesseana Alexander, 1945, Ozodicera (Dihexaclonus) | 4.18 |
| jivaro Alexander, 1944, Teucholabis (Teucholabis) | 4.162 |
| jivaro Alexander, 1916, Tipula (Eumicrotipula) | 4.26 |
| Jivaromyia Alexander, 1943 | 4.143 |
| jivaronis Alexander, 1943, Tipula (Microtipula) | 4.35 |
| joana Alexander, 1929, Austrolimnophila (Austrolimnophila) | 4.90 |
| jocosa Alexander, 1913, Teucholabis (Teucholabis) | 4.162 |
| jocularis Alexander, 1948, Hexatoma (Eriocera) | 4.102 |
| jordanensis Alexander, 1949, Tipula (Microtipula) | 4.35 |
| jordanica Alexander, 1949, Limnophila (Limnophila) | 4.108 |
| jorgenseni (Alexander), 1919 (Dicranomyia), Limonia (Dicranomyia) | 4.54 |
| jovialis Alexander, 1945, Cryptolabis (Cryptolabis) | 4.121 |
| juarezi Alexander, 1946, Gonomyia (Gonomyia) | 4.133 |
| jubilans Alexander, 1940, Tipula (Eumicrotipula) | 4.26 |
| jubilata Alexander, 1943, Cryptolabis (Cryptolabis) | 4.121 |
| jubilata Alexander, 1938, Limonia (Rhipidia) | 4.76 |
| jucunda Alexander, 1913, Teucholabis (Teucholabis) | 4.162 |
| jujuyensis (Alexander), 1920 (Holorusia), Ischnotoma (Icriomastax) .. | 4.9 |
| jujuyensis (Alexander), 1924 (Dicranomyia), Limonia (Dicranomyia) | 4.54 |
| juliana Alexander, 1937, Hexatoma (Eriocera) | 4.102 |
| juninensis Alexander, 1942, Limonia (Rhipidia) | 4.76 |
| juniniana (Alexander), 1951 (Gnophomyia), Eugnophomyia | 4.127 |
| juquiana Alexander, 1945, Gonomyia (Lipophleps) | 4.136 |
| juquicola Alexander, 1945, Epiphragma (Epiphragma) | 4.97 |



| | |
|--|-------|
| juquiella Alexander, 1945, Tipula (Microtipula) | 4.35 |
| juquiensis Alexander, 1945, Elephantomyia (Elephantomyia) | 4.94 |
| jurata Alexander, 1936, Hexatoma (Eriocera) | 4.102 |
| jurator Alexander, 1948, Epiphragma (Epiphragma) | 4.97 |
| justa Alexander, 1938, Gnophomyia | 4.129 |
| justa Alexander, 1937, Shannonomyia (Shannonomyia) | 4.115 |
| justoides Alexander, 1938, Gnophomyia | 4.129 |
| juturna (Alexander), 1945 (Holorusia), Zelandotipula | 4.42 |
| juventa Alexander, 1937, Tipula (Eumicrotipula) | 4.26 |
| | |
| kadeni (Alexander), 1941 (Tanypremna), Leptotarsus (Tany- premna) | 4.14 |
| kaieturana Alexander, 1930, Limnophila (Limnophila) | 4.108 |
| kaicturensis (Alexander), 1914 (Eriocera), Hexatoma (Eriocera) . | 4.102 |
| karma Alexander, 1945, Brachypremna | 4.6 |
| kathema Alexander, 1965, Tipula (Eumicrotipula) | 4.26 |
| kerteszi Alexander, 1914, Limnophila (Limnophila) | 4.107 |
| kertesziiana Alexander, 1929, Gnophomyia | 4.129 |
| klagesi Alexander, 1945, Tipula (Microtipula) | 4.35 |
| klausma Alexander, 1962, Tipula (Eumicrotipula) | 4.25 |
| knabi Alexander, 1913, Erioptera (Mesocyphona) | 4.125 |
| knabi (Alexander), 1912 (Furcomyia), Limonia (Dicranomyia) .. | 4.54 |
| knabiana (Alexander), 1916 (Geranomyia), Limonia (Geranomyia) | 4.63 |
| kraussi Alexander, 1946, Tipula (Trichotipula) | 4.40 |
| kuehlhorni Alexander, 1962, Tipula (Eumicrotipula) | 4.26 |
| kuseheli Alexander, 1952, Shannonomyia (Shannonomyia) | 4.115 |
| kuseheli Alexander, 1967, Tipula (Eumicrotipula) | 4.23 |
| kuscheliana Alexander, 1952, Limonia (Dicranomyia) | 4.54 |
| | |
| labecula Alexander, 1942, Limonia (Dicranomyia) | 4.54 |
| lachesis Alexander, 1942, Limonia (Neolimonia) | 4.71 |
| ?Lachnocera Philippi, 1865 | 4.88 |
| lachrymalis (Alexander), 1916 (Geranomyia), Limonia (Gera- nomyia) | 4.63 |
| lachrymosa Alexander, 1919, Gnophomyia | 4.129 |
| laeteitarsis (Alexander), 1922 (Geranomyia), Limonia (Gera- nomyia) | 4.63 |
| laddeyana Alexander, 1944, Atarba (Atarba) | 4.86 |
| laddeyi Alexander, 1943, Cryptolabis (Cryptolabis) | 4.121 |
| laddeyi Alexander, 1942, Hexatoma (Eriocera) | 4.102 |
| laeta Alexander, 1913, Teucholabis (Teucholabis) | 4.162 |
| lactabilis Alexander, 1952, Teucholabis (Euparatropesa) | 4.158 |
| laetificia Alexander, 1948, Teucholabis (Euparatropesa) | 4.158 |
| laetipleura Alexander, 1938, Erioptera (Erioptera) | 4.123 |
| laetitarsis Alexander, 1937, Limonia (Rhipidia) | 4.76 |
| laetiventris Alexander, 1945, Brachypremna | 4.6 |
| laevis (Alexander), 1914 (Holorusia), Zelandotipula | 4.42 |
| lagotis Alexander, 1942, Tipula (Microtipula) | 4.35 |
| laidis Alexander, 1966, Teucholabis (Teucholabis) | 4.162 |
| lais Alexander, 1950, Limonia (Rhipidia) | 4.76 |
| lais Alexander, 1946, Teucholabis (Teucholabis) | 4.162 |
| laistes Alexander, 1967, Limonia (Dicranomyia) | 4.54 |
| laneana Alexander, 1959, Teucholabis (Paratropesa) | 4.158 |



| | |
|--|--------------|
| lanei Alexander, 1945, <i>Molophilus</i> (<i>Molophilus</i>) | 4.147 |
| lanei Alexander, 1942, <i>Orimarga</i> (<i>Orimarga</i>) | 4.82 |
| lanei Alexander, 1942, <i>Ozodicera</i> (<i>Dihexaclonus</i>) | 4.18 |
| languidula Alexander, 1942, <i>Tipula</i> (<i>Microtipula</i>) | 4.36 |
| lanigera Alexander, 1928, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.26 |
| lankesteri Alexander, 1946, <i>Limonia</i> (<i>Peripheroptera</i>) | 4.73 |
| lapazensis Alexander, 1962, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.54 |
| larga Alexander, 1946, <i>Tipula</i> (<i>Bellardina</i>) | 4.20 |
| larotipa Alexander, 1926, <i>Helius</i> | 4.46 |
| larotipa (Alexander), 1929 (<i>Holorusia</i>), <i>Ischnotoma</i> (<i>Ischnotoma</i>) | 4.9 |
| lassula Alexander, 1940, <i>Limonia</i> (<i>Rhipidia</i>) | 4.75 |
| lassula (Alexander), 1940 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.42 |
| lata Alexander, 1943, <i>Gnophomyia</i> | 4.129 |
| latamera Alexander, 1968, <i>Toxorhina</i> (<i>Toxorhina</i>) | 4.168 |
| lataurata Alexander, 1937, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.104 |
| latebra Alexander, 1967, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.54 |
| lateralis Alexander, 1938, <i>Helius</i> | 4.46 |
| lateropolita Alexander, 1938, <i>Nephrotoma</i> | 4.17 |
| laterosetosa Alexander, 1931, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.26 |
| laterospina Alexander, 1962, <i>Atarba</i> (<i>Atarba</i>) | 4.86 |
| laterospinosa Alexander, 1937, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.162 |
| laterospinosus Alexander, 1929, <i>Molophilus</i> (<i>Molophilus</i>) | 4.147 |
| lathraea (Alexander), 1926 (<i>Pilaria</i>), <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.115 |
| latibasalis Alexander, 1968, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.162 |
| latibasis Alexander, 1967, <i>Limonia</i> (<i>Idioglochina</i>) | 4.68 |
| laticincta Alexander, 1919, <i>Gnophomyia</i> | 4.129 |
| laticostata Alexander, 1940, <i>Cryptolabis</i> (<i>Cryptolabis</i>) | 4.121 |
| laticostata Alexander, 1937, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.102 |
| laticostata Alexander, 1937, <i>Tipula</i> (<i>Microtipula</i>) | 4.36 |
| latifascia (Alexander), 1926 (<i>Gnophomyia</i>), <i>Neognophomyia</i> | 4.153 |
| latifolia Alexander, 1944, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.26 |
| latilobata Alexander, 1949, <i>Gnophomyia</i> | 4.129 |
| latilutea Alexander, 1942, <i>Limonia</i> (<i>Rhipidia</i>) | 4.76 |
| latispina Alexander, 1942, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.54 |
| latistyla Alexander, 1926, <i>Gonomyia</i> (<i>Paralipophleps</i>) | 4.140 |
| latitudinis Alexander, 1954, <i>Limonia</i> (<i>Geranomyia</i>) | 4.63 |
| latissima Alexander, 1966, <i>Gnophomyia</i> | 4.129 |
| latissima (Alexander), 1922 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) | 4.102 |
| laudabilis Alexander, 1942, <i>Trentepohlia</i> (<i>Paramongoma</i>) | 4.170 |
| laudanda Alexander, 1938, <i>Limonia</i> (<i>Geranomyia</i>) | 4.63 |
| lauri Alexander, 1945, <i>Molophilus</i> (<i>Molophilus</i>) | 4.147 |
| lauta Alexander, 1949, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.162 |
| lawlori Alexander, 1934, <i>Limonia</i> (<i>Neolimonia</i>) | 4.71 |
| laxa Alexander, 1946, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.162 |
| Lecteria Osten Sacken, 1887 | 4.105, 4.106 |
| leda Alexander, 1945, <i>Limonia</i> (<i>Rhipidia</i>) | 4.76 |
| legata Alexander, 1948, <i>Lecteria</i> (<i>Psaronius</i>) | 4.106 |
| legitima (Alexander), 1928 (<i>Microtipula</i>), <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.26 |
| <i>Leiponeura</i> Skuse, 1890 | 4.135 |
| lemniscata Alexander, 1931, <i>Gonomyia</i> (<i>Paralipophleps</i>) | 4.140 |
| lemniscata Alexander, 1929, <i>Limonia</i> (<i>Geranomyia</i>) | 4.63 |
| lenta Alexander, 1941, <i>Tipula</i> (<i>Microtipula</i>) | 4.36 |
| lemniscatus (Alexander), 1929 (<i>Habromastix</i>), <i>Leptotarsus</i> (<i>Lon-</i> | |



| | |
|---|--------|
| gurio) | 4.12 |
| lenitatis Alexander, 1946, Shannonomyia (Shannonomyia) | 4.115 |
| lentina Alexander, 1928, Shannonomyia (Shannonomyia) | 4.115 |
| lentoides (Alexander), 1913 (Limnophila), Shannonomyia (Shannonomyia) | 4.115 |
| leonardi Alexander, 1932, Shannonomyia (Shannonomyia) | 4.115 |
| leonensis Alexander, 1946, Erioptera (Mesocyphona) | 4.125 |
| leonora Alexander, 1938, Teucholabis (Teucholabis) | 4.162 |
| leonura Alexander, 1941, Gonomyia (Lipophleps) | 4.136 |
| leonurus Alexander, 1951, Molophilus (Molophilus) | 4.147 |
| Leptotarsus Guérin-Méneville, 1838 | 4.10, |
| 4.11 | |
| leridensis Alexander, 1934, Teucholabis (Teucholabis) | 4.162 |
| lerionis Alexander, 1945, Molophilus (Molophilus) | 4.147 |
| lessepsi (Osten Sacken), 1886 (Eriocera), Hexatoma (Eriocera) .. | 4.102 |
| letalix Alexander, 1936, Tipula (Microtipula) | 4.36 |
| lethaeus Alexander, 1952, Molophilus (Molophilus) | 4.147 |
| lethe Alexander, 1946, Teucholabis (Teucholabis) | 4.162 |
| leucomelanopus (Enderlein), 1912 (Aporosa), Toxorhina (Cera- tocheilus) | 4.167 |
| leucopasta Alexander, 1927, Erioptera (Mesocyphona) | 4.125 |
| leucopeza Alexander, 1929, Gynoplistia (Gynoplistia) | 4.99 |
| leucopeza Alexander, 1940, Polymera (Polymera) | 4.112 |
| leucoplaca (Alexander), 1921 (Gnophomyia), Eugnophomyia | 4.127 |
| leucoplaca Alexander, 1936, Helius | 4.46 |
| leucoplaca (Alexander), 1924 (Tanypremna), Leptotarsus (Tany- premnodes) | 4.16 |
| leucopoda Alexander, 1953, Dicranoptycha | 4.45 |
| leucoscelis Alexander, 1950, Limonia (Neoglochina) | 4.69 |
| leucostena Alexander, 1937, Toxorhina (Ceratocheilus) | 4.167 |
| leucostigma Alexander, 1937, Limnophila (Limnophila) | 4.107 |
| leucostropha Alexander, 1966, Polymera (Polymerodes) | 4.113 |
| leucoxena (Alexander), 1915 (Mongoma), Trentepohlia (Para- mongoma) | 4.170 |
| lewisii Alexander, 1964, Limonia (Dicranomyia) | 4.54 |
| liberta (Osten Sacken), 1859 (Dicranomyia), Limonia (Dicra- nomyia) | 4.54 |
| lichnophora Alexander, 1962, Limonia (Rhipidia) | 4.76 |
| lichyana Alexander, 1945, Tipula (Microtipula) | 4.36 |
| lichyella Alexander, 1947, Limonia (Peripheroptera) | 4.73 |
| lichyi Alexander, 1943, Limonia (Geranomyia) | 4.63 |
| lietor Alexander, 1938, Molophilus (Molophilus) | 4.147 |
| ligulata Alexander, 1929, Tipula (Eumicrotipula) | 4.26 |
| ligulipenicillata Alexander, 1946, Tipula (Eumicrotipula) | 4.26 |
| limai (Alexander), 1945 (Tanypremna), Leptotarsus (Tanypremna) | 4.15 |
| limbinervis Alexander, 1941, Limonia (Neoglochina) | 4.69 |
| Limnobia Meigen, 1818 | 4.47 |
| Limnobiahynchus Westwood, 1835 | 4.60 |
| Limnophila Macquart, 1834 | 4.106, |
| Limnophilella Alexander, 1919 | 4.107 |
| Limonia Meigen, 1803 | 4.92 |
| Limoniinae | 4.47 |
| Limoniini | 4.44 |
| Limoniodes Alexander, 1938 | 4.44 |
| lindneri Alexander, 1933, Teucholabis (Euparatropesa) | 4.11 |
| | 4.158 |



| | |
|---|-------|
| lineata (Enderlein), 1912 (Geranomyia), Limonia (Geranomyia) . | 4.63 |
| lineicollis (Blanchard), 1852 (Limnobia), Limonia (Dicranomyia) | 4.54 |
| lineipleura Alexander, 1949, Teucholabis (Teucholabis) | 4.162 |
| liponeura Alexander, 1937, Teucholabis (Teucholabis) | 4.162 |
| Lipophleps Bergroth, 1915 | 4.135 |
| lipophleps Alexander, 1937, Teucholabis (Teucholabis) | 4.162 |
| Lipsothrix Loew, 1873 | 4.143 |
| lissomelania Alexander, 1967, Limonia (Peripheroptera) | 4.73 |
| litigiosa Alexander, 1928, Limnophila (Limnophila) | 4.107 |
| liturata (Enderlein), 1912 (Psaronius), Lecteria (Psaronius) | 4.106 |
| livida (Say), 1829 (Limnobia), Limonia (Dicranomyia) | 4.54 |
| lloydi (Alexander), 1913 (Oromyia), Atarba (Ischnothrix) | 4.88 |
| lloydi Alexander, 1913, Limnophila (Limnophila) | 4.107 |
| lobuliferus Alexander, 1938, Helius | 4.46 |
| longibasis Alexander, 1946, Tipula (Eumicrotipula) | 4.26 |
| longicollis Bigot, 1888, Limonia (Zelandoglochina) | 4.80 |
| longicollis Pierre, 1924, Toxorhina (Toxorhina) | 4.168 |
| longifurcata (Alexander), 1940 (Erioptera), Cheilotrichia (Empeda) | 4.119 |
| longifusa Alexander, 1944, Ctenolimnophila (Abitagua) | 4.93 |
| longifusa (Alexander), 1913 (Mongoma), Trentepohlia (Paramongoma) | 4.170 |
| longimana (Fabricius), 1805 (Tipula), Ozodicera (Ozodicera) | 4.19 |
| longipennis (Alexander), 1923 (Eriocera), Hexatoma (Eriocera) . | 4.102 |
| longipennis (Macquart), 1838 (Tipula), Megistocera | 4.16 |
| longipes (Philippi), 1865 (Erioptera?), Amphineurus (Amphineurus) | 4.117 |
| longipes (Fabricius), 1805 (Tipula), Leptotarsus (Tanypremna) . | 4.14 |
| longiradialis Alexander, 1939, Cryptolabis (Cryptolabis) | 4.121 |
| longiradialis Alexander, 1929, Shannonomyia (Shannonomyia) ... | 4.115 |
| longirostris Williston, 1896, Elephantomyia (Elephantomyia) ... | 4.94 |
| longisector Alexander, 1944, Ozodicera (Dihexaclonus) | 4.18 |
| longisetosa Alexander, 1941, Teucholabis (Teucholabis) | 4.162 |
| longispina (Alexander), 1922 (Rhipidia), Limonia (Rhipidia) | 4.76 |
| longispina Alexander, 1938, Teucholabis (Teucholabis) | 4.162 |
| longisquama (Alexander), 1937 (Erioptera), Cheilotrichia (Empeda) | 4.120 |
| longissimus (Enderlein), 1912 (Stegasmonotus), Leptotarsus (Tanypremna) | 4.14 |
| longistyla (Alexander), 1914 (Eriocera), Hexatoma (Eriocera) ... | 4.102 |
| longitarsis (Macquart), 1846 (Tipula), Zelandotipula | 4.42 |
| longiterebra Alexander, 1943, Gnophomyia | 4.129 |
| longiterebrata Alexander, 1938, Rhabdomastix (Rhabdomastix) .. | 4.155 |
| longitergata Alexander, 1945, Atarba (Atarba) | 4.86 |
| longitergata Alexander, 1943, Gnophomyia | 4.129 |
| longiventris (Alexander), 1913 (Dicranomyia), Limonia (Dicranomyia) | 4.54 |
| Longurio Loew, 1869 | 4.11 |
| longurio Alexander, 1938, Limonia (Rhipidia) | 4.76 |
| longurioides Alexander, 1954, Tipula (Eumicrotipula) | 4.26 |
| lopesi Alexander, 1942, Hexatoma (Eriocera) | 4.102 |
| luctifica Alexander, 1940, Tipula (Microtipula) | 4.36 |
| luctuosa (Osten Sacken), 1859 (Gnophomyia), Eugnophomyia .. | 4.127 |
| ludibunda Alexander, 1927, Limonia (Neolimonia) | 4.71 |
| ludicra Alexander, 1949, Teucholabis (Teucholabis) | 4.162 |



| | |
|---|-------|
| ludoviciana Alexander, 1919, Tipula (Yamatotipula) | 4.40 |
| lugubris Alexander, 1914, Teucholabis (Teucholabis) | 4.162 |
| Lunatipula Edwards, 1931 | 4.32 |
| lunigera Alexander, 1929, Erioptera (Erioptera) | 4.123 |
| luquilloensis Alexander, 1950, Limonia (Rhipidia) | 4.76 |
| lustralis Alexander, 1945, Gonomyia (Lipophleps) | 4.136 |
| lustralis (Alexander), 1936 (Tipula), Leptotarsus (Longurio) | 4.12 |
| lustralis Alexander, 1938, Limonia (Neolimonia) | 4.71 |
| lutea (Philippi), 1865 (Polymoria), Mesolimnophila | 4.109 |
| luteiannulata Alexander, 1939, Elephantomyia (Elephantomyia) . | 4.94 |
| luteiapicalis Alexander, 1962, Limonia (Dieranomyia) | 4.54 |
| luteiceps Alexander, 1927, Cryptolabis (Cryptolabis) | 4.121 |
| luteicolor Alexander, 1968, Hexatoma (Eriocera) | 4.102 |
| luteicolor Alexander, 1942, Teucholabis (Teucholabis) | 4.163 |
| luteicosta Alexander, 1934, Cryptolabis (Cryptolabis) | 4.121 |
| luteilimbata Alexander, 1944, Tipula (Microtipula) | 4.36 |
| luteimana Alexander, 1938, Limonia (Geranomyia) | 4.63 |
| luteipennis (Osten Sacken), 1859 (Limnophila), Pseudolimnophila | 4.113 |
| luteistigma (Alexander), 1940 (Macromastix), Leptotarsus (Lon- | |
| gurio) | 4.12 |
| luteitarsis Alexander, 1964, Hexatoma (Eriocera) | 4.102 |
| luteivena (Alexander), 1946 (Holorusia), Zelandotipula | 4.42 |
| luteola Alexander, 1946, Cryptolabis (Cryptolabis) | 4.121 |
| luteola Alexander, 1944, Rhabdomastix (Rhabdomastix) | 4.155 |
| lutzi (Alexander), 1912 (Furcomyia), Limonia (Neoglochina) ... | 4.69 |
| luxuriosa Alexander, 1929, Limonia (Rhipidia) | 4.76 |
| luxuriosus Alexander, 1938, Molophilus (Molophilus) | 4.148 |
| lycaon Alexander, 1952, Limonia (Geranomyia) | 4.63 |
| lydia Alexander, 1950, Limonia (Dieranomyia) | 4.54 |
| lyra (Alexander), 1952 (Limnophila), Chilelimnophila | 4.93 |
| lyriformis Alexander, 1966, Atarba (Atarba) | 4.86 |
| lyriformis Alexander, 1942, Tipula (Microtipula) | 4.36 |
| machaeria Alexander, 1921, Gonomyia (Neolipophleps) | 4.139 |
| machupichuana Alexander, 1953, Limonia (Peripheroptera) | 4.73 |
| macintyreana Alexander, 1941, Tipula (Eumicrotipula) | 4.26 |
| macintyreii Alexander, 1937, Gonomyia (Lipophleps) | 4.136 |
| macintyreii Alexander, 1938, Limonia (Neolimonia) | 4.71 |
| macquarti (Enderlein), 1912 (Eriocera), Hexatoma (Eriocera) ... | 4.102 |
| maeracantha Alexander, 1943, Atarba (Atarba) | 4.86 |
| maeracantha Alexander, 1952, Limnophila (Limnophila) | 4.107 |
| maeracantha Alexander, 1940, Ozodicera (Dihexaclonus) | 4.18 |
| maerauchenia Alexander, 1956, Limonia (Geranomyia) | 4.63 |
| maeroera (Alexander), 1914 (Eriocera), Hexatoma (Eriocera) .. | 4.102 |
| maeroera (Philippi), 1865 (Idioneura), Erioptera (Symplecta) . | 4.126 |
| macropyga Alexander, 1953, Austrolimnophila (Austrolimnophila) | 4.90 |
| maerorhyneha Alexander, 1954, Toxorhina (Ceratocheilus) | 4.167 |
| macrosterna (Alexander), 1912 (Pachyrhina), Tipula (Microtipula) | 4.36 |
| macrotrichiata (Alexander), 1922 (Microtipula), Tipula (Eumi- | |
| erotipula) | 4.26 |
| macswaini Alexander, 1940, Gonomyia (Lipophleps) | 4.136 |
| macta Alexander, 1945, Limonia (Geranomyia) | 4.63 |
| maculata (Fabrielus), 1805 (Tipula), Epiphragma (Epiphragma) . | 4.96 |
| maculipennis Alexander, 1936, Toxorhina (Ceratocheilus) | 4.167 |



| | |
|---|-------|
| madida Alexander, 1928, <i>Limnophila</i> (<i>Limnophila</i>) | 4.107 |
| maesta Alexander, 1921, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.141 |
| maestitia Alexander, 1914, <i>Gnophomyia</i> | 4.129 |
| magellanica Alexander, 1920, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.27 |
| <i>magellanicola</i> Alexander, 1920, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.27 |
| magellanicus Alexander, 1968, <i>Molophilus</i> (<i>Molophilus</i>) | 4.148 |
| magica Alexander, 1945, <i>Gnophomyia</i> | 4.129 |
| magistra Alexander, 1942, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.102 |
| magistrata Alexander, 1949, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.141 |
| magniarcuata Alexander, 1949, <i>Gnophomyia</i> | 4.129 |
| magnifica (Alexander), 1914 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) .. | 4.102 |
| magnifica (Alexander), 1913 (<i>Gnophomyia</i>), <i>Sigmatomera</i> (<i>Austro-</i> <i>limnobia</i>) | 4.156 |
| maiae (Alexander), 1929 (<i>Astelobia</i>), <i>Sigmatomera</i> (<i>Austrolimno-</i> <i>bia</i>) | 4.156 |
| <i>Maictta</i> Alexander, 1929 | 4.143 |
| majuscula Alexander, 1940, <i>Orimarga</i> (<i>Orimarga</i>) | 4.82 |
| maldonadoi Alexander, 1952, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.102 |
| maldonadoi (Alexander), 1953 (<i>Longurio</i>), <i>Leptotarsus</i> (<i>Tany-</i> <i>premnella</i>) | 4.15 |
| maligna Alexander, 1945, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.54 |
| malitiosa Alexander, 1942, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.54 |
| manabiana Alexander, 1942, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.102 |
| manabiana Alexander, 1953, <i>Limonia</i> (<i>Geranomyia</i>) | 4.61 |
| manca (Alexander), 1921 (<i>Psaronius</i>), <i>Lecteria</i> (<i>Psaronius</i>) | 4.106 |
| manca (Williston), 1896 (<i>Mongoma</i>), <i>Trentepohlia</i> (<i>Paramongoma</i>) | 4.170 |
| mandator Alexander, 1945, <i>Tipula</i> (<i>Microtipula</i>) | 4.36 |
| manicata Alexander, 1929, <i>Gynoplistia</i> (<i>Gynoplistia</i>) | 4.99 |
| manicatus (Osten Sacken), 1887 (<i>Tanypremna</i>), <i>Leptotarsus</i> (<i>Ta-</i> <i>nypremnna</i>) | 4.14 |
| mannheimsi Alexander, 1960, <i>Austrolimnophila</i> (<i>Austrolimnophila</i>) | 4.90 |
| manniana Alexander, 1946, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.163 |
| manniana Alexander, 1945, <i>Tipula</i> (<i>Microtipula</i>) | 4.36 |
| mantissa Alexander, 1966, <i>Austrolimnophila</i> (<i>Limnophilella</i>) | 4.92 |
| margarita Alexander, 1965, <i>Ctenophora</i> (<i>Pselliophora</i>) | 4.7 |
| margaritae Alexander, 1954, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.102 |
| marmoripennis Rondani, 1850, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.27 |
| marthae Alexander, 1930, <i>Limonia</i> (<i>Geranomyia</i>) | 4.64 |
| marthae Alexander, 1931, <i>Molophilus</i> (<i>Molophilus</i>) | 4.148 |
| marticola Alexander, 1931, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.163 |
| martinbrowni Alexander, 1946, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.27 |
| martinezi Alexander, 1958, <i>Austrolimnophila</i> (<i>Austrolimnophila</i>) . | 4.90 |
| martinezi Alexander, 1962, <i>Teucholabis</i> (<i>Euparatropesa</i>) | 4.158 |
| masafueriae Alexander, 1952, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.55 |
| masafueriae Alexander, 1952, <i>Molophilus</i> (<i>Molophilus</i>) | 4.148 |
| masatierrae Alexander, 1952, <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.115 |
| mattogrossae Alexander, 1913, <i>Lecteria</i> (<i>Lecteria</i>) | 4.106 |
| maya Alexander, 1927, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.136 |
| maya (Alexander), 1912 (<i>Tipula</i>), <i>Ischnotoma</i> (<i>Neotipula</i>) | 4.10 |
| mayanymphica (Alexander), 1946 (<i>Erioptera</i>), <i>Cheilotrichia</i> (<i>Empeda</i>) | 4.120 |
| mecoglossa Alexander, 1967, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.27 |
| meconeura Alexander, 1962, <i>Limonia</i> (<i>Caenolimonia</i>) | 4.49 |



| | |
|--|-------|
| mecophallus Alexander, 1966, Gonomyia (Lipophleps) | 4.136 |
| mediatlantica Freeman, 1962, Limonia (Dicranomyia) | 4.52 |
| mediocompressa Alexander, 1944, Tipula (Microtipula) | 4.36 |
| mediocornis (Alexander), 1944 (Tanypremna), Leptotarsus (Tany- premnella) | 4.15 |
| mediodentata Alexander, 1944, Tipula (Eumicrotipula) | 4.27 |
| medioligula Alexander, 1945, Nephrotoma | 4.17 |
| Mediophragma Alexander, 1954 | 4.92 |
| mediotuberculata Alexander, 1949, Gnophomyia | 4.129 |
| megacera (Alexander), 1943 (Tanypremna), Leptotarsus (Tany- premnella) | 4.15 |
| megalops Alexander, 1942, Pseudolimnophila | 4.113 |
| megalopyga Alexander, 1967, Limonia (Rhipidia) | 4.76 |
| megalyra Alexander, 1945, Tipula (Microtipula) | 4.36 |
| megaphallus Alexander, 1921, Atarba (Atarba) | 4.87 |
| megaphallus Alexander, 1968, Teucholabis (Teucholabis) | 4.163 |
| Megarhina Lepelletier & Serville, 1828 | 4.45 |
| megarhopala Alexander, 1946, Gonomyia (Gonomyia) | 4.133 |
| Megistocera Wiedemann, 1828 (Maekistocera) | 4.16 |
| Megistomastix Alexander, 1912 | 4.8 |
| melampodia Alexander, 1940, Orimarga (Orimarga) | 4.82 |
| melanacantha Alexander, 1954, Gonomyia (Lipophleps) | 4.136 |
| melanacra (Wiedemann), 1828 (Limnobia), Hexatoma (Eriocera) | 4.102 |
| melanaria Alexander, 1942, Limonia (Rhipidia) | 4.76 |
| melancholica (Alexander), 1922 (Gnophomyia), Eugnophomyia .. | 4.127 |
| melanocephala (Fabricius), 1794 (Tipula), Teucholabis (Teucho- labis) | 4.163 |
| melanocera (Alexander), 1925 (Dicranomyia), Limonia (Dicra- nomyia) | 4.55 |
| melanoleucus Alexander, 1952, Molophilus (Molophilus) | 4.148 |
| melanolitha (Alexander), 1927 (Eriocera), Hexatoma (Eriocera) . | 4.103 |
| melanomera Alexander, 1943, Atarba (Atarba) | 4.87 |
| melanonota Alexander, 1968, Hexatoma (Eriocera) | 4.103 |
| melanophallus Alexander, 1938, Helius | 4.46 |
| melanophallus Alexander, 1968, Teucholabis (Teucholabis) | 4.160 |
| melanosterna Alexander, 1945, Polymera (Polymera) | 4.112 |
| melanoxantha Alexander, 1962, Nephrotoma | 4.17 |
| melaxantha Alexander, 1943, Epiphragma (Epiphragma) | 4.97 |
| melaxantha Alexander, 1934, Limonia (Caenolimonia) | 4.49 |
| melica Alexander, 1929, Limnophila (Limnophila) | 4.108 |
| melina (Alexander), 1922 (Eriocera), Hexatoma (Eriocera) | 4.103 |
| mendax Alexander, 1920, Teucholabis (Teucholabis) | 4.163 |
| mendica Alexander, 1929, Shannonomyia (Shannonomyia) | 4.114 |
| mendoza Alexander, 1935, Toxorhina (Toxorhina) | 4.168 |
| mephistophelica Alexander, 1947, Epiphragma (Epiphragma) | 4.97 |
| meridensis Alexander, 1940, Limonia (Caenolimonia) | 4.49 |
| meridiana Edwards, 1919, Tipula (Eumicrotipula) | 4.27 |
| meridicola Alexander, 1943, Limonia (Dicranomyia) | 4.55 |
| meridionalis Alexander, 1913, Elephantomyia (Elephantomyia) .. | 4.94 |
| meridionalis Alexander, 1913, Toxorhina (Toxorhina) | 4.168 |
| merita Alexander, 1938, Atarba (Atarba) | 4.87 |
| merklei Alexander, 1928, Austrolimnophila (Austrolimnophila) .. | 4.90 |
| mesamericana (Alexander), 1944 (Pselliophora), Ctenophora | |



| | |
|---|-------|
| (Pselliophora) | 4.7 |
| mesocera Alexander, 1929, Atarba (Ischnothrix) | 4.89 |
| Mesocypphona Osten Sacken, 1869 | 4.123 |
| Mesolimnophila Alexander, 1929 | 4.109 |
| mesonotalis Alexander, 1949, Trentepohlia (Neomongoma) | 4.169 |
| mesophragma Alexander, 1928, Shannonomyia (Shannonomyia) .. | 4.115 |
| mesophragmoides Alexander, 1937, Shannonomyia (Shannonomyia) | 4.115 |
| mesotricha Alexander, 1944, Limonia (Neoglochina) | 4.69 |
| mesoxantha (Osten Sacken), 1886 (Eriocera), Hexatoma (Eriocera) | 4.103 |
| metae Alexander, 1938, Limonia (Neoglochina) | 4.68 |
| metatarsata (Alexander), 1915 (Mongoma), Trentepohlia (Para- | |
| mongoma) | 4.170 |
| methodica Alexander, 1931, Gonomyia (Gonomyia) | 4.133 |
| metuendus Alexander, 1951, Molophilus (Molophilus) | 4.148 |
| mexicana Alexander, 1926, Atarba (Atarba) | 4.87 |
| mexicana Alexander, 1946, Dicranota (Rhaphidolabis) | 4.84 |
| mexicana Alexander, 1916, Gonomyia (Gonomyia) | 4.133 |
| mexicana (Bellardi), 1861 (Aporosa), Limonia (Geranomyia) ... | 4.64 |
| mexicana (Alexander), 1940 (Oxydiscus), Paradelphomyia (Oxy- | |
| rhiza) | 4.109 |
| mexicana Alexander, 1938, Rhabdomastix (Rhabdomastix) | 4.155 |
| mexicana (Macquart), 1846 (Pachyrhina), Nephrotoma | 4.17 |
| michaelseni Alexander, 1928, Austrolimnophila (Austrolimnophila) | 4.90 |
| michoacana Alexander, 1946, Tipula (Lunatipula) | 4.32 |
| micracantha Alexander, 1926, Gonomyia (Paralipophleps) | 4.140 |
| micracanthus Alexander, 1945, Helius | 4.46 |
| microcephala (Wulp), 1881 (Tipula), Zelandotipula | 4.42 |
| microcera (Alexander), 1943 (Tanypremna), Leptotarsus (Tany- | |
| premnella) | 4.15 |
| micromera Alexander, 1945, Gonomyia (Paralipophleps) | 4.140 |
| micromyia Alexander, 1920, Erioptera (Erioptera) | 4.123 |
| microphaea Alexander, 1939, Limonia (Geranomyia) | 4.64 |
| microphallus Alexander, 1944, Atarba (Atarba) | 4.87 |
| microptera Alexander, 1945, Erioptera (Symplecta) | 4.126 |
| microscola Alexander, 1967, Limonia (Dicranomyia) | 4.55 |
| microserrata Alexander, 1938, Gonomyia (Gonomyia) | 4.133 |
| microsoma Alexander, 1944, Limonia (Dicranomyia) | 4.55 |
| microsomoides Alexander, 1954, Limonia (Dicranomyia) | 4.55 |
| microspilota Alexander, 1943, Austrolimnophila (Austrolimnophila) | 4.90 |
| microspilota Alexander, 1928, Tipula (Eumicrotipula) | 4.27 |
| microsticta Alexander, 1929, Austrolimnophila (Austrolimnophila) | 4.90 |
| microsticta (Alexander), 1921 (Rhipidia), Limonia (Rhipidia) ... | 4.76 |
| microstictula Alexander, 1929, Polymera (Polymera) | 4.112 |
| Microtipula Alexander, 1912 | 4.32 |
| militaris Alexander, 1952, Limonia (Geranomyia) | 4.64 |
| miniata Alexander, 1929, Limonia (Zelandoglochina) | 4.80 |
| miniata Alexander, 1930, Teucholabis (Teucholabis) | 4.163 |
| minuta Alexander, 1926, Teucholabis (Teucholabis) | 4.163 |
| minutior Alexander, 1942, Polymera (Polymera) | 4.112 |
| minutipennis Alexander, 1929, Shannonomyia (Shannonomyia) .. | 4.115 |
| minutissima Alexander, 1945, Polymera (Polymerodes) | 4.113 |
| mirabilis (Alexander), 1914 (Rhamphidia), Helius | 4.46 |
| mirabilis (Osten Sacken), 1878 (Diotrepha), Orimarga (Diotrepha) | 4.81 |
| mirabilis Alexander, 1938, Trentepohlia (Promongoma) | 4.171 |



| | |
|---|--------------|
| miraculus Alexander, 1938, <i>Molophilus</i> (<i>Molophilus</i>) | 4.148 |
| miranda (Alexander), 1921 (<i>Rhamphidia</i>), <i>Helius</i> | 4.46 |
| miranda (Alexander), 1944 (<i>Tanypremna</i>), <i>Leptotarsus</i> (<i>Tany-</i> <i>premna</i>) | 4.14 |
| miranha Alexander, 1913, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.27 |
| misera Alexander, 1921, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.137 |
| miseranda Alexander, 1945, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.55 |
| mistura Alexander, 1942, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.55 |
| mithras Alexander, 1949, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.97 |
| mithrodates Alexander, 1951, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.27 |
| mitua Alexander, 1916, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.27 |
| mocoa Alexander, 1913, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.27 |
| moctezuma Alexander, 1928, <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.116 |
| moctezumae Alexander, 1925, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.27 |
| modica Alexander, 1927, <i>Erioptera</i> (<i>Mesocyphona</i>) | 4.125 |
| molcsta Osten Sacken, 1886, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.163 |
| molnac Alexander, 1929, <i>Gnophomyia</i> | 4.129 |
| molophiloides Alexander, 1943, <i>Cryptolabis</i> (<i>Cryptolabis</i>) | 4.121 |
| <i>Molophilus</i> Curtis, 1833 | 4.143, 4.144 |
| monacantha Alexander, 1943, <i>Cryptolabis</i> (<i>Cryptolabis</i>) | 4.121 |
| monacantha Alexander, 1937, <i>Gonomyia</i> (<i>Neolipophleps</i>) | 4.139 |
| Mongoma Westwood, 1881 | 4.168 |
| <i>Mongomella</i> Enderlein, 1912 | 4.169 |
| monilifera Loew, 1851, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.27 |
| moniliferoides Alexander, 1920, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.27 |
| moniliformis Röder, 1886, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.27 |
| moniligera Alexander, 1967, <i>Limonia</i> (<i>Neoglochina</i>) | 4.69 |
| monnula Alexander, 1962, <i>Limonia</i> (<i>Rhipidia</i>) | 4.77 |
| monocera Alexander, 1967, <i>Tipula</i> (<i>Microtipula</i>) | 4.36 |
| monoctenus Alexander, 1951, <i>Molophilus</i> (<i>Molophilus</i>) | 4.148 |
| monophaea Alexander, 1946, <i>Gnophomyia</i> | 4.129 |
| monophora Alexander, 1941, <i>Neognophomyia</i> | 4.153 |
| <i>Monorhipidia</i> Alexander, 1912 | 4.74 |
| monosticta Alexander, 1948, <i>Polymera</i> (<i>Polymera</i>) | 4.112 |
| monostictula (Alexander), 1945 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.42 |
| monostylodes Alexander, 1951, <i>Molophilus</i> (<i>Molophilus</i>) | 4.148 |
| monostylus Alexander, 1928, <i>Molophilus</i> (<i>Molophilus</i>) | 4.148 |
| monoxantha Alexander, 1944, <i>Limonia</i> (<i>Rhipidia</i>) | 4.77 |
| monticola Alexander, 1917, <i>Antocha</i> | 4.45 |
| montivaga Alexander, 1949, <i>Trentepohlia</i> (<i>Paramongoma</i>) | 4.170 |
| mordax Alexander, 1950, <i>Limonia</i> (<i>Rhipidia</i>) | 4.77 |
| mordax Alexander, 1945, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.27 |
| morelosensis (Alexander), 1946 (<i>Oxydiscus</i>), <i>Paradelphomyia</i> (<i>Oxyrhiza</i>) | 4.109 |
| morgana Alexander, 1944, <i>Limonia</i> (<i>Peripheroptera</i>) | 4.73 |
| morionella (Schiner), 1868 (<i>Limnobia</i>), <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.163 |
| morphea Alexander, 1946, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.27 |
| multfordi Alexander, 1945, <i>Tipula</i> (<i>Microtipula</i>) | 4.36 |
| muliercula Alexander, 1942, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.55 |
| mulsa (Alexander), 1916 (<i>Dicranomyia</i>), <i>Limonia</i> (<i>Dicranomyia</i>) . | 4.55 |
| multiannulata Alexander, 1937, <i>Erioptera</i> (<i>Erioptera</i>) | 4.123 |
| multiarmata Alexander, 1943, <i>Atarba</i> (<i>Atarba</i>) | 4.87 |
| multiarmata Alexander, 1929, <i>Limonia</i> (<i>Zelandoglochina</i>) | 4.80 |



| | |
|---|-------|
| multidentata Alexander, 1931, Aphrophila | 4.118 |
| multiermis Alexander, 1942, Ozodicera (Ozodieera) | 4.19 |
| multifida (Alexander), 1926 (Rhipidia), Limonia (Rhipidia) | 4.77 |
| multifidus Alexander, 1952, Molophilus (Molophilus) | 4.148 |
| multiguttata (Alexander), 1912 (Rhipidia), Limonia (Rhipidia) .. | 4.77 |
| multiguttula Alexander, 1939, Hexatoma (Eriocera) | 4.103 |
| multimoda Alexander, 1938, Tipula (Microtipula) | 4.36 |
| multinodosa Alexander, 1929, Limonia (Zelandoglochina) | 4.80 |
| multipectata Alexander, 1939, Austrolimnophila (Limnophilella) | 4.92 |
| multipunctata (Fabrieius), 1805 (Tipula), Limonia | 4.81 |
| multipunctata Alexander, 1938, Orimarga (Orimarga) | 4.82 |
| multipunctigera Alexander, 1945, Limonia (Rhipidia) | 4.77 |
| multiramosa Alexander, 1950, Limonia (Rhipidia) | 4.77 |
| multisetosus Alexander, 1936, Molophilus (Trichomolophilus) | 4.152 |
| multisignata Alexander, 1936, Limonia (Neoglochina) | 4.69 |
| multispicata Alexander, 1938, Gonomyia (Gonomyia) | 4.133 |
| multispinosa Alexander, 1944, Teucholabis (Teucholabis) | 4.163 |
| multivolus Alexander, 1945, Helius | 4.46 |
| munda Alexander, 1913, Teucholabis (Teucholabis) | 4.163 |
| musculicola Alexander, 1943, Epiphragma (Epiphragma) | 4.97 |
| muscosa (Enderlein), 1912 (Diceranomyia), Limonia (Neolimnobia) .. | 4.70 |
| mutata Alexander, 1935, Limonia (Diceranomyia) | 4.55 |
| muzensis Alexander, 1938, Limonia (Rhipidia) | 4.77 |
| myctera Alexander, 1967, Limonia (Caenoglochina) | 4.48 |
| myersi Alexander, 1926, Teucholabis (Teucholabis) | 4.163 |
| myersiana Alexander, 1929, Limonia (Geranomyia) | 4.64 |
| myersiana (Alexander), 1930 (Diotrepha), Orimarga (Diotrepha) . | 4.81 |
| myersiana Alexander, 1931, Shannonomyia (Shannonomyia) | 4.116 |
| myersiellus Alexander, 1935, Helius | 4.46 |
| myriatricha Alexander, 1942, Tipula (Microtipula) | 4.36 |
| myriosticta Alexander, 1941, Limonia (Rhipidia) | 4.77 |
| myrtea (Alexander), 1922 (Eriocera), Hexatoma (Eriocera) | 4.103 |
| mystica Alexander, 1931, Limonia (Rhipidia) | 4.77 |
| mystica Alexander, 1945, Styringomyia | 4.157 |
| mythica Alexander, 1945, Gonomyia (Lipophleps) | 4.137 |
| mythica Alexander, 1926, Teucholabis (Teucholabis) | 4.163 |
| nacrea (Alexander), 1913 (Limnophila), Shannonomyia (Shanno- | |
| nomyia) | 4.116 |
| nahuelbutae Alexander, 1966, Gnophomyia | 4.129 |
| nahuelbutae (Alexander), 1945 (Maeromastix), Leptotarsus (Lon- | |
| gurio) | 4.12 |
| nahuelbutae Alexander, 1966, Molophilus (Molophilus) | 4.148 |
| nahuelicola Alexander, 1958, Austrolimnophila (Austrolimnophila) .. | 4.90 |
| naiguatana Alexander, 1940, Gonomyia (Paralipophleps) | 4.140 |
| napoensis (Alexander), 1921 (Diceranomyia), Limonia (Caenoglo- | |
| china) | 4.48 |
| napoensis Alexander, 1921, Tipula (Microtipula) | 4.33 |
| navarinoensis Alexander, 1962, Tipula (Eumicrotipula) | 4.27 |
| neanthina Alexander, 1954, Limonia (Geranomyia) | 4.64 |
| nearcuata Alexander, 1940, Limonia (Peripheroptera) | 4.73 |
| nebulicincta Alexander, 1941, Cryptolabis (Cryptolabis) | 4.121 |
| nebulipennis Alexander, 1928, Teucholabis (Teucholabis) | 4.163 |
| nebulosa (Bellardi), 1861 (Tipula), Epiphragma (Epiphragma) .. | 4.97 |



| | |
|---|-------|
| neetarea Alexander, 1944, Gnophomyia | 4.129 |
| nefasta Alexander, 1944, Limonia (Dieranomyia) | 4.55 |
| neglecta Alexander, 1936, Limonia (Rhipidia) | 4.77 |
| neivai Alexander, 1940, Ozodieera (Dihexaelonus) | 4.18 |
| neivai Alexander, 1940, Tipula (Eumierotipula) | 4.27 |
| nematoeera Alexander, 1939, Limnophila (Limnophila) | 4.108 |
| nemorivaga Alexander, 1929, Limnophila (Limnophila) | 4.107 |
| neobifida Alexander, 1952, Gonomyia (Paralipophleps) | 4.140 |
| neoclausula Alexander, 1967, Polymera (Polymera) | 4.112 |
| neocollaris Alexander, 1944, Teucholabis (Paratropesa) | 4.159 |
| neodieeros Alexander, 1966, Molophilus (Molophilus) | 4.148 |
| neofacinus Alexander, 1964, Molophilus (Molophilus) | 4.148 |
| neofaleifera Alexander, 1943, Gonomyia (Neolipophleps) | 4.139 |
| neogama Alexander, 1943, Trentepohlia (Paramongoma) | 4.170 |
| neogaudens Alexander, 1942, Limonia (Geranomyia) | 4.64 |
| neogaudens Alexander, 1945, Orimarga (Orimarga) | 4.82 |
| Neogloehina Alexander, 1967 | 4.68 |
| Neognophomyia Alexander, 1926 | 4.152 |
| neolenta Alexander, 1945, Tipula (Mierotipula) | 4.36 |
| neoleridensis Alexander, 1940, Teucholabis (Teucholabis) | 4.163 |
| Neolimnobia Alexander, 1929 | 4.69 |
| Neolimnophila Alexander, 1965 | 4.154 |
| neolimnophiloides Alexander, 1942, Ctenolimnophila (Campbello- myia) | 4.93 |
| Neolimonia Alexander, 1964 | 4.70 |
| Neolipophleps Alexander, 1947 | 4.139 |
| Neomongoma Alexander, 1919 | 4.169 |
| neonumenius Alexander, 1930, Limonia (Geranomyia) | 4.64 |
| neoparilis Alexander, 1962, Limonia (Geranomyia) | 4.64 |
| neopentheres Alexander, 1930, Limonia (Geranomyia) | 4.64 |
| Neophilippiana Alexander, 1964 | 4.154 |
| neorepanda Alexander, 1964, Limonia (Caenolimonia) | 4.49 |
| neosaga Alexander, 1947, Hexatoma (Erioceera) | 4.103 |
| neosalva Alexander, 1943, Teucholabis (Teucholabis) | 4.163 |
| Neotipula Alexander, 1940 | 4.10 |
| neotropiea Alexander, 1940, Lipsothrix | 4.143 |
| nepenthe Alexander, 1946, Teucholabis (Euteucholabis) | 4.158 |
| nephele Alexander, 1948, Epiphragma (Epiphragma) | 4.97 |
| Nephrotoma Meigen, 1803 | 4.16 |
| Nephrotomodes Alexander, 1946 | 4.32 |
| neptunus Alexander, 1952, Molophilus (Molophilus) | 4.148 |
| nestor Alexander, 1947, Gonomyia (Lipophleps) | 4.137 |
| nethis Alexander, 1965, Tipula (Eumierotipula) | 4.27 |
| neuquenensis Alexander, 1952, Austrolimnophila (Austrolimnophila) | 4.91 |
| neuquenensis Alexander, 1962, Valdiviana | 4.41 |
| neurotriehia (Alexander), 1962 (Holorusia), Zelandotipula | 4.42 |
| nieoya Alexander, 1944, Tipula (Mierotipula) | 4.36 |
| nigra (Latreille), 1809 (Hexatoma), Hexatoma (Erioceera) | 4.102 |
| nigra (Wiedemann), 1828 (Limnobia), Hexatoma (Erioceera) | 4.99 |
| nigricola (Walker), 1861 (Limnobia), Eugnophomyia | 4.127 |
| nigrina (Wiedemann), 1828 (Limnobia), Gnophomyia | 4.129 |
| nigripleura (Alexander), 1919 (Geranomyia), Limonia (Geranomyia) | 4.64 |
| nigripleuralis Alexander, 1945, Epiphragma (Epiphragma) | 4.97 |
| nigriseapa Alexander, 1946, Tipula (Eumierotipula) | 4.27 |



| | |
|---|-------|
| nigrivena Alexander, 1939, Toxorhina (Toxorhina) | 4.168 |
| nigroabdominalis (Alexander), 1936 (Habromastix), Tipula (Micro- tipula) | 4.36 |
| nigroapicalis Alexander, 1941, Orimarga (Orimarga) | 4.83 |
| nigrochalybea (Alexander), 1922 (Eriocera), Hexatoma (Eriocera) | 4.103 |
| nigroclavaria Alexander, 1946, Teucholabis (Teucholabis) | 4.163 |
| nigrocorporis Alexander, 1937, Teucholabis (Teucholabis) | 4.163 |
| nigrocostata Alexander, 1939, Teucholabis (Teucholabis) | 4.163 |
| nigrocoxalis Alexander, 1936, Teucholabis (Paratropesa) | 4.159 |
| nigrofemorata Alexander, 1936, Brachypremna | 4.6 |
| nigrolineata (Enderlein), 1912 (Empeda), Cheilotrichia (Empeda) | 4.120 |
| nigrolutea (Bellardi), 1859 (Tipula), Nephrotoma | 4.17 |
| nigromarginata Alexander, 1938, Ozodicera (Ozodicera) | 4.19 |
| nigroplagiata Alexander, 1939, Epiphragma (Epiphragma) | 4.97 |
| nigropostica Alexander, 1938, Teucholabis (Teucholabis) | 4.163 |
| nigrostrata Alexander, 1938, Limonia (Rhipidia) | 4.77 |
| nigrosetosa (Alexander), 1945 (Holorusia), Zelandotipula | 4.42 |
| nigrosignata Alexander, 1931, Teucholabis (Teucholabis) | 4.163 |
| nigroterminalis Alexander, 1932, Teucholabis (Teucholabis) | 4.161 |
| nigrotincta Alexander, 1945, Limonia (Caenolimonia) | 4.49 |
| nigrovariegata Alexander, 1928, Tipula (Microtipula) | 4.36 |
| nimbifera Alexander, 1943, Gnophomyia | 4.129 |
| nimbinervis Alexander, 1946, Tipula (Eumierotipula) | 4.28 |
| nimbipennis Alexander, 1945, Polymera (Polymera) | 4.112 |
| niobe Alexander, 1947, Tipula (Microtipula) | 4.36 |
| nitens (Schiner), 1868 (Peripheroptera), Limonia (Peripheroptera) .. | 4.73 |
| nitra (Alexander), 1945 (Holorusia), Isehnnotoma (Icriomastax) .. | 4.9 |
| niveitarsis Alexander, 1915, Orimarga (Orimarga) | 4.83 |
| niveitarsis Alexander, 1913, Polymera (Polymera) | 4.112 |
| niveitarsis (Alexander), 1922 (Ceratocheilus), Toxorhina (Cerato- cheilus) | 4.167 |
| niveitarsis (Alexander), 1913 (Mongoma), Trentepohlia (Paramon- goma) | 4.170 |
| nobilissima Alexander, 1941, Limonia (Rhipidia) | 4.77 |
| noeivus (Alexander), 1953 (Longurio) Leptotarsus (Longurio) ... | 4.12 |
| noctivagans Alexander, 1914, Ozodicera (Ozodicera) | 4.19 |
| noeturna Alexander, 1941, Teucholabis (Teucholabis) | 4.163 |
| nodulifera Alexander, 1929, Limonia (Zelandoglochina) | 4.80 |
| nodulifera Alexander, 1940, Polymera (Polymera) | 4.112 |
| nodulifera Alexander, 1949, Teucholabis (Paratropesa) | 4.159 |
| nodulosa Alexander, 1939, Atarba (Atarba) | 4.87 |
| nolens Alexander, 1965, Tipula (Eumicrotipula) | 4.28 |
| nonnullus Alexander, 1966, Amphineurus (Rhamphoneurus) | 4.118 |
| nordenskjoldi Alexander, 1920, Tipula (Eumicrotipula) | 4.28 |
| nothofageturum Alexander, 1929, Tipula (Eumierotipula) | 4.28 |
| nothofageturum Alexander, 1929, Amphineurus (Rhamphoneurus) .. | 4.118 |
| nothofagi Alexander, 1929, Limonia (Dicranomyia) | 4.55 |
| notoria Alexander, 1942, Tipula (Eumierotipula) | 4.28 |
| novaleonensis Alexander, 1940, Tipula (Eumicrotipula) | 4.28 |
| novatrix Alexander, 1942, Tipula (Eumierotipula) | 4.28 |
| nubifera Wulp, 1881, Tipula (Eumicrotipula) | 4.28 |



| | |
|---|-------|
| nubilosa Alexander, 1967, Limonia (Rhipidia) | 4.77 |
| nudicornis (Macquart), 1838 (Tipula), Ischnotoma (Icriomastax) . | 4.9 |
| nudipennis Alexander, 1964, Shannonomyia (Shannonomyia) | 4.116 |
| nugatoria Alexander, 1943, Limonia (Geranomyia) | 4.64 |
| nullus Alexander, 1966, Amphineurus (Rhamphoneurus) | 4.118 |
| numenius (Alexander), 1913 (Geranomyia), Limonia (Geranomyia) | 4.64 |
| nympha Alexander, 1943, Austrolimnophila (Austrolimnophila) ... | 4.91 |
| nymphica (Alexander), 1928 (Erioptera), Cheilotrichia (Empeda) . | 4.120 |
| | |
| oaxacensis (Alexander), 1946 (Oxydiscus), Paradelphomyia (Oxyrhiza) | 4.109 |
| obediens Alexander, 1927, Molophilus (Molophilus) | 4.148 |
| obirata Alexander, 1940, Tipula (Eumicrotipula) | 4.28 |
| obliquefasciata Macquart, 1846, Tipula (Bellardina) | 4.20 |
| obliterata Alexander, 1913, Lecteria (Psaronius) | 4.108 |
| obliviosus Alexander, 1953, Molophilus (Molophilus) | 4.148 |
| obscura (Fabricius), 1805 (Tipula), Lecteria (Psaronius) | 4.106 |
| obscura Macquart, 1838, Polymera (Polymera) | 4.112 |
| obscurata (Blanchard), 1852 (Limnobia), Erioptera (Trimicra) ... | 4.126 |
| obscuricincta Alexander, 1940, Tipula (Eumicrotipula) | 4.28 |
| obsoleta (Williston), 1900 (Eriocera), Hexatoma (Eriocera) | 4.103 |
| obtusilamina Alexander, 1952, Neognophomyia | 4.153 |
| obtusiloba Alexander, 1944, Atarba (Ischnothrix) | 4.89 |
| obtusiloba Alexander, 1937, Dolichopeza (Megistomastix) | 4.8 |
| obtusirostris Alexander, 1962, Limonia (Dicranomyia) | 4.54 |
| obtusistyla Alexander, 1940, Gonomyia (Gonomyia) | 4.134 |
| obtusistylus Alexander, 1925, Limonia (Dicranomyia) | 4.55 |
| occulta Alexander, 1914, Sigmatomera (Sigmatomera) | 4.156 |
| ocellana Alexander, 1942, Limonia (Rhipidia) | 4.77 |
| ocellata (Enderlein), 1912 (Icriomastax), Ischnotoma (Icriomastax) | 4.9 |
| ocellata (Röder), 1886 (Limnobia), Limonia | 4.81 |
| ocellifera (Alexander), 1915 (Eriocera), Hexatoma (Eriocera) | 4.103 |
| ochracea Macquart, 1834, Ozodicera (Ozodicera) | 4.19 |
| ochricauda (Alexander), 1925 (Erioptera), Cheilotrichia (Empeda) | 4.120 |
| adontomera Alexander, 1967, Tipula (Eumicrotipula) | 4.28 |
| ofella Alexander, 1953, Limonia (Zelandoglochina) | 4.80 |
| ogloblini Alexander, 1935, Hexatoma (Eriocera) | 4.103 |
| ohausiana (Enderlein), 1912 (Eriocera), Hexatoma (Eriocera) | 4.103 |
| ohlina (Alexander), 1920 (Dicranomyia), Limonia (Dicranomyia) | 4.55 |
| oiticica (Alexander), 1948, Limnophila (Limnophila) | 4.108 |
| oligotrichus Alexander, 1954, Molophilus (Molophilus) | 4.148 |
| oliviae (Alexander), 1915 (Peripheroptera), Limonia (Peripherop- tera) | 4.73 |
| olssoni (Alexander), 1919 (Gnophomyia), Shannonomyia (Shanno- nomyia) | 4.116 |
| olssoniana Alexander, 1943, Tipula (Eumicrotipula) | 4.28 |
| ominosa Alexander, 1926, Gonomyia (Progonomyia) | 4.141 |
| ominosa Alexander, 1938, Polymera (Polymera) | 4.112 |
| omissa (Alexander), 1912 (Furcomyia), Limonia (Dicranomyia) .. | 4.55 |
| omissa Alexander, 1921, Teucholabis (Teucholabis) | 4.163 |
| omissinervis (Alexander), 1913 (Diotrepha), Orimarga (Diotrepha) | 4.81 |
| omissinervis Alexander, 1921, Teucholabis (Teucholabis) | 4.164 |
| omissistyla Alexander, 1929, Limonia (Zelandoglochina) | 4.80 |
| omissivena (Alexander), 1922 (Dicranomyia), Limonia (Dicrano- | |



| | |
|---|------------|
| myia) | 4.55 |
| omissus Alexander, 1929, <i>Molophilus</i> (<i>Molophilus</i>) | 4.150 |
| omnilutea Alexander, 1967, <i>Tipula</i> (<i>Eumierotipula</i>) | 4.28 |
| ona Alexander, 1920, <i>Tipula</i> (<i>Eumierotipula</i>) | 4.28 |
| oneris Alexander, 1956, <i>Limonia</i> (<i>Geranomyia</i>) | 4.64 |
| onerosa (Alexander), 1928 (<i>Dicranomyia</i>), <i>Limonia</i> (<i>Dieranomyia</i>) | 4.55 |
| onoma Alexander, 1950, <i>Limonia</i> (<i>Neolimonia</i>) | 4.71 |
| opilio (Osten Sacken), 1886 (<i>Tanypremna</i>), <i>Leptotarsus</i> (<i>Tanypremna</i>) | 4.14 |
| opinator Alexander, 1950, <i>Limonia</i> (<i>Geranomyia</i>) | 4.64 |
| opipara Alexander, 1951, <i>Tipula</i> (<i>Microtipula</i>) | 4.36 |
| optabilis Alexander, 1921, <i>Limonia</i> (<i>Neolimonia</i>) | 4.71 |
| opulens Alexander, 1945, <i>Limonia</i> (<i>Geranomyia</i>) | 4.64 |
| opulenta Alexander, 1951, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.103 |
| ordinaria Alexander, 1945, <i>Limonia</i> (<i>Peripheroptera</i>) | 4.73 |
| ordinaria (Osten Sacken), 1886 (<i>Pachyrrhina</i>), <i>Nephrotoma</i> | 4.17 |
| <i>Oreomyza</i> Pokorny, 1887 | 4.40 |
| <i>oreomyzoides</i> Alexander, 1926, <i>Tipula</i> (<i>Eumierotipula</i>) | 4.31 |
| oreonympha Alexander, 1928, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.97 |
| oreonympha Alexander, 1929, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.28 |
| oresitropha (Alexander), 1927 (<i>Erioptera</i>), <i>Cheilotrichia</i> (<i>Empeda</i>) | 4.120 |
| Orimarga Osten Sacken, 1869 | 4.81, 4.82 |
| orion Alexander, 1914, <i>Molophilus</i> (<i>Molophilus</i>) | 4.148 |
| orizabensis Alexander, 1941, <i>Tipula</i> (<i>Eumierotipula</i>) | 4.28 |
| ornaticornis Alexander, 1939, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.103 |
| ornaticornis Wulp, 1891, <i>Tipula</i> (<i>Eumierotipula</i>) | 4.28 |
| ornatipennis (Blanchard), 1852 (<i>Limnobia</i>), <i>Limonia</i> (<i>Dieranomyia</i>) | 4.55 |
| ornatipes (Alexander), 1941 (<i>Tanypremna</i>), <i>Leptotarsus</i> (<i>Tanypremna</i>) | 4.15 |
| oroensis Alexander, 1943, <i>Austrolimnophila</i> (<i>Austrolimnophila</i>) | 4.91 |
| <i>Orolimnophila</i> Alexander, 1921 | 4.88 |
| <i>Oromyia</i> Alexander, 1913 | 4.88 |
| orophila (Alexander), 1913 (<i>Limnophila</i>), <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.116 |
| orophila (Alexander), 1914 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.42 |
| orthogonia Alexander, 1945, <i>Limonia</i> (<i>Caenolimonia</i>) | 4.49 |
| orthomera Alexander, 1937, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.137 |
| orthomeroideis Alexander, 1939, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.137 |
| orthorhabda Alexander, 1940, <i>Limonia</i> (<i>Geranomyia</i>) | 4.64 |
| ortoni Alexander, 1945, <i>Tipula</i> (<i>Microtipula</i>) | 4.37 |
| osculata Alexander, 1944, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.28 |
| ostensackeni Skuse, 1890, <i>Gnophomyia</i> | 4.129 |
| ostentator Alexander, 1946, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.133 |
| osterhouti (Alexander), 1912 (<i>Fureomyia</i>), <i>Limonia</i> (<i>Caenolimonia</i>) | 4.49 |
| oteroi Alexander, 1936, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.164 |
| othello Alexander, 1941, <i>Molophilus</i> (<i>Molophilus</i>) | 4.148 |
| otiosa Alexander, 1949, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.133 |
| ovaliformis Alexander, 1946, <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.116 |
| ovalis Alexander, 1949, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.141 |
| <i>Orydiscus</i> Meijere, 1913 | 4.109 |
| oxymera Alexander, 1943, <i>Gnophomyia</i> | 4.130 |
| oxyphallus Alexander, 1939, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.97 |
| Oxyrhiza Meijere, 1946 | 4.109 |
| Ozodicera Macquart, 1834 | 4.17 |
| ozotus Alexander, 1968, <i>Molophilus</i> (<i>Molophilus</i>) | 4.148 |



| | |
|---|-------|
| pabulatoria Alexander, 1920, Teucholabis (Teucholabis) | 4.164 |
| pachyrhampa Alexander, 1967, Erioptera (Mesocyphona) | 4.125 |
| <i>Pachyrhina</i> Macquart, 1834 | 4.16 |
| <i>Pachyrhina</i> , <i>Pachyrhina</i> , <i>Pachyrhina</i> , error or emends. | 4.16 |
| pachyspila (Alexander), 1928 (Gynoplistia), Paralimnophila | 4.110 |
| pacifer Alexander, 1947, Molophilus (Molophilus) | 4.148 |
| pacifera Alexander, 1936, Austrolimnophila (Austrolimnophila) .. | 4.91 |
| paganus Alexander, 1942, Molophilus (Molophilus) | 4.149 |
| pala Alexander, 1941, Molophilus (Molophilus) | 4.149 |
| pala Alexander, 1939, Tipula (Microtipula) | 4.37 |
| palaeogama Alexander, 1944, Tipula (Microtipula) | 4.37 |
| palenca Alexander, 1944, Tipula (Eumicrotipula) | 4.28 |
| <i>Pales</i> Meigen, 1800 | 4.16 |
| palitans Alexander, 1965, Tipula (Eumicrotipula) | 4.28 |
| pallatangae Alexander, 1929, Limonia (Rhipidia) | 4.77 |
| pallatangensis Alexander, 1929, Molophilus (Molophilus) | 4.149 |
| pallens (Philippi), 1865 (Limnophila) | 4.117 |
| <i>pallida</i> (Williston), 1896, Limonia (Geranomyia) | 4.63 |
| <i>pallida</i> (Williston), 1896 (Mongoma), Trentepohlia (Paramongoma) | 4.170 |
| <i>pallida</i> (Macquart), 1838 (Limnobia), Limonia | 4.81 |
| pallidapex Alexander, 1943, Atarba (Atarba) | 4.87 |
| pallidapex Alexander, 1929, Gnophomyia | 4.130 |
| pallidapex Alexander, 1945, Limonia (Geranomyia) | 4.64 |
| pallidibasis Alexander, 1921, Orimarga (Orimarga) | 4.83 |
| pallidineuris Macquart, 1846, Tipula (Eumicrotipula) | 4.28 |
| <i>pallidinervis</i> Alexander, 1914, Tipula (Eumicrotipula), error | 4.28 |
| pallidipes Alexander, 1926, Helius | 4.46 |
| pallidipes (Alexander), 1926 (Eriocera), Hexatoma (Eriocera) ... | 4.103 |
| pallidisignata Alexander, 1928, Tipula (Eumicrotipula) | 4.28 |
| pallidistyla Alexander, 1942, Austrolimnophila (Austrolimnophila) | 4.91 |
| palliditerga Alexander, 1942, Limonia (Dicranomyia) | 4.55 |
| <i>pallidula</i> Alexander, 1929, Limonia (Geranomyia) | 4.63 |
| pallidus (Philippi), 1865 (Erioptera?), Molophilus | 4.149 |
| pallipes (Alexander), 1920 (Psaronius), Lecteria (Psaronius) | 4.106 |
| pallipes Alexander, 1964, Polymera (Polymera) | 4.111 |
| pallipes (Alexander), 1914 (Mongoma), Trentepohlia (Paramon- | |
| goma) | 4.170 |
| pallitarsis (Alexander), 1937 (Tanypremna), Leptotarsus (Pehlkea) | 4.13 |
| pallitarsis (Alexander), 1929 (Gynoplistia), Paralimnophila | 4.110 |
| paloides Alexander, 1940, Tipula (Microtipula) | 4.37 |
| pammelas (Alexander), 1922 (Gnophomyia), Eugnophomyia | 4.127 |
| pamphaea (Alexander), 1929 (Limnophila), Shannonomyia (Shan- | |
| nonomyia) | 4.115 |
| pampoecila Alexander, 1922, Limonia (Dicranomyia) | 4.55 |
| panamensis Alexander, 1934, Helius | 4.46 |
| panamensis Alexander, 1930, Neognophomyia | 4.153 |
| panamensis Alexander, 1922, Ozodicera (Dihexaclonus) | 4.18 |
| panchrestus Alexander, 1941, Molophilus (Molophilus) | 4.149 |
| pansus Alexander, 1968, Molophilus (Molophilus) | 4.149 |
| pantherina Alexander, 1941, Tipula (Eumicrotipula) | 4.29 |
| paprzyckiana Alexander, 1944, Neognophomyia | 4.153 |
| paprzyckii (Alexander), 1941 (Tipula), Ischnotoma (Neotipula) .. | 4.10 |
| paprzyckii Alexander, 1941, Limonia (Caenolimonia) | 4.49 |



| | |
|---|-------|
| paracollaris Alexander, 1945, Teucholabis (Paratropesa) | 4.159 |
| Paradelphomyia Alexander, 1936 | 4.109 |
| paradiceros Alexander, 1966, Molophilus (Molophilus) | 4.149 |
| paradoxa Alexander, 1913, Teucholabis (Euteucholabis) | 4.158 |
| paracnsis Alexander, 1920, Gonomyia (Progonomyia) | 4.141 |
| paraguayana Alexander, 1952, Austrolimnophila (Mediophragma) | 4.92 |
| paraguayana Alexander, 1929, Limonia (Rhipidia) | 4.77 |
| paraguayanus (Riedel), 1921 (Tipulodina), Leptotarsus (Longurio) | 4.12 |
| paraguayensis (Alexander), 1935 (Tipula), Leptotarsus (Longurio) | 4.12 |
| paraguayensis Alexander, 1929, Molophilus (Molophilus) | 4.149 |
| paraguayensis Alexander, 1929, Shannonomyia (Shannonomyia) | 4.116 |
| paraguayicola Alexander, 1945, Tipula (Microtipula) | 4.34 |
| Paragymnastes Alexander, 1922 | 4.142 |
| paralenta Alexander, 1950, Tipula (Microtipula) | 4.37 |
| Paralimnophila Alexander, 1921 | 4.110 |
| Paralipophleps Alexander, 1947 | 4.140 |
| paramoensis Alexander, 1944, Gonomyia (Progonomyia) | 4.142 |
| Paramongoma Brunetti, 1911 | 4.169 |
| paranensis Alexander, 1945, Tipula (Eumicrotipula) | 4.29 |
| pararia Alexander, 1965, Tipula (Microtipula) | 4.37 |
| Paratropesa Schiner, 1866 | 4.158 |
| paraxantha Alexander, 1962, Teucholabis (Teucholabis) | 4.164 |
| parilis Alexander, 1945, Limonia (Geranomyia) | 4.65 |
| parinermis Alexander, 1940, Gonomyia (Lipophleps) | 4.137 |
| parishi (Alexander), 1913 (Teucholabis), Gonomyia (Gonomyia) | 4.134 |
| parishi (Alexander), 1914 (Dicranomyia, Limonia (Dicranomyia) | 4.52 |
| parishi Alexander, 1920, Polymera (Polymerodes) | 4.113 |
| parishi Alexander, 1912, Tipula (Microtipula) | 4.37 |
| parishiana Alexander, 1929, Teucholabis (Teucholabis) | 4.164 |
| parrai Alexander, 1946, Cryptolabis (Cryptolabis) | 4.121 |
| parrai Alexander, 1940, Tipula (Bellardina) | 4.21 |
| partitus Alexander, 1941, Molophilus (Molophilus) | 4.151 |
| parva Osten Sacken, 1859, Erioptera (Mesocyphona) | 4.125 |
| parva (Alexander), 1913 (Sacandaga), Rhabdomastix (Sacandaga) | 4.155 |
| parvicellula Alexander, 1968, Shannonomyia (Shannonomyia) | 4.116 |
| parviceps (Speiser), 1909 (Tipula), Zelandotipula | 4.42 |
| parvidens Alexander, 1944, Helius | 4.46 |
| parviloba Alexander, 1929, Tipula (Eumicrotipula) | 4.29 |
| parvimacula (Alexander), 1945 (Holorusia), Zelandotipula | 4.43 |
| parvipuncta Alexander, 1938, Orimarga (Orimarga) | 4.83 |
| parviseta Alexander, 1941, Epiphragma (Epiphragma) | 4.97 |
| parvispinosa Alexander, 1928, Limonia (Zelandoglochina) | 4.80 |
| parvula Alexander, 1947, Rhabdomastix (Sacandaga) | 4.155 |
| pastazicola Alexander, 1938, Limonia (Neolimonia) | 4.71 |
| pastazina Alexander, 1944, Limonia (Geranomyia) | 4.65 |
| pastoris Alexander, 1960, Molophilus (Molophilus) | 4.149 |
| patagonica (Alexander), 1928 (Limnophila), Austrolimnophila (Limnophilella) | 4.92 |
| patagonica Alexander, 1920, Tipula (Eumicrotipula) | 4.29 |
| patagonica Alexander, 1929, Tonnoiromyia | 4.83 |
| patens (Alexander), 1940 (Ischnothrix), Atarba (Ischnothrix) | 4.89 |
| patens Alexander, 1938, Hexatoma (Eriocera) | 4.103 |
| patens Alexander, 1939, Teucholabis (Teucholabis) | 4.164 |



| | |
|---|-------|
| patruelis Alexander, 1930, Gonomyia (Progonomyia) | 4.142 |
| patruelis (Alexander), 1924 (Dicranomyia), Limonia (Dicranomyia) | 4.56 |
| paucilobata Alexander, 1940, Limonia (Caenoglochina) | 4.48 |
| pauciseta Alexander, 1949, Gnophomyia | 4.130 |
| paucispinosus Alexander, 1925, Molophilus (Molophilus) | 4.149 |
| paulista Alexander, 1946, Styringomyia | 4.157 |
| paulistac Alexander, 1943, Ctenolimnophila (Campbellomyia) | 4.93 |
| paulseni (Philippi), 1865 (Tipula), Leptotarsus (Araucomyia) ... | 4.11 |
| paulus Alexander, 1947, Limonia (Rhipidia) | 4.77 |
| pectinata (Wiedemann), 1828 (Tipula), Ozodicera (Ozodicera) | 4.19 |
| pectinatus Alexander, 1928, Molophilus (Molophilus) | 4.149 |
| pectinella (Alexander), 1940 (Tipula), Ischnotoma (Neotipula) .. | 4.10 |
| pectiniferus Alexander, 1952, Molophilus (Molophilus) | 4.149 |
| Pectinotipula Alexander, 1920 | 4.39 |
| pedestris Alexander, 1952, Limonia (Dicranomyia) | 4.56 |
| pedica Alexander, 1947, Gonomyia (Lipophleps) | 4.137 |
| Pedicia Latreille, 1809 | 4.84 |
| Pediciini | 4.84 |
| pediformis Alexander, 1962, Tipula (Eumicrotipula) | 4.29 |
| <i>Peditia</i> , error | 4.84 |
| <i>Pehlkea</i> Enderlein, 1912 | 4.13 |
| pelates Alexander, 1962, Limonia (Dicranomyia) | 4.56 |
| penai Alexander, 1965, Elephantomyia (Xenoelephantomyia) | 4.95 |
| penai (Alexander), 1952 (Holorusia), Ischnotoma (Ischnotoma) .. | 4.10 |
| penai Alexander, 1951, Molophilus (Molophilus) | 4.149 |
| penai Alexander, 1953, Pedicia (Tricyphona) | 4.84 |
| penana Alexander, 1967, Gynoplistia (Gynoplistia) | 4.99 |
| penana Alexander, 1966, Limnophila (Limnophila) | 4.108 |
| penana Alexander, 1956, Limonia (Dicranomyia) | 4.56 |
| penana Alexander, 1951, Tipula (Microtipula) | 4.37 |
| penata (Alexander), 1965 (Holorusia), Ischnotoma (Neotipula) .. | 4.10 |
| pendulifera Alexander, 1949, Cryptolabis (Cryptolabis) | 4.121 |
| penicillatus Alexander, 1941, Molophilus (Molophilus) | 4.149 |
| penitus (Alexander), 1944 (Macromastix), Leptotarsus (Araucomyia) | 4.11 |
| pennatus Alexander, 1927, Molophilus (Molophilus) | 4.149 |
| pennifera Alexander, 1945, Limonia (Dicranomyia) | 4.56 |
| pennipes Alexander, 1921, Molophilus (Eumolophilus) | 4.143 |
| pentheres (Alexander), 1928 (Geranomyia), Limonia (Geranomyia) | 4.65 |
| <i>Pentoptera</i> Schiner, 1863 | 4.100 |
| penumbrosa Alexander, 1939, Shannonomyia (Shannonomyia) | 4.116 |
| peracuta Alexander, 1928, Gonomyia (Paralipophleps) | 4.140 |
| peracutior Alexander, 1949, Gnophomyia | 4.130 |
| peralta Alexander, 1945, Limonia (Dicranomyia) | 4.56 |
| peramoena Alexander, 1945, Limonia (Peripheroptera) | 4.73 |
| perangusta Alexander, 1939, Teucholabis (Teucholabis) | 4.164 |
| perangustula Alexander, 1938, Tipula (Microtipula) | 4.37 |
| perarmata (Alexander), 1921 (Rhipidia), Limonia (Rhipidia) | 4.77 |
| perbasalis Alexander, 1949, Teucholabis (Teucholabis) | 4.164 |
| percara Alexander, 1958, Austrolimnophila (Austrolimnophila) .. | 4.91 |
| percelestis Alexander, 1953, Limonia (Zelandoglochina) | 4.80 |
| percompressa Alexander, 1944, Tipula (Microtipula) | 4.37 |
| percomptaria Alexander, 1945, Tipula (Microtipula) | 4.37 |



| | |
|---|-------|
| percupida (Alexander), 1941 (Erioptera), Cheilotrichia (Empeda) | 4.120 |
| perdebilis Alexander, 1949, Gnophomyia | 4.130 |
| perdebilis Alexander, 1943, Molophilus (Molophilus) | 4.149 |
| perdecora (Alexander), 1914 (Eriocera), Hexatoma (Eriocera) | 4.103 |
| perdelecta Alexander, 1940, Limonia (Peripheroptera) | 4.73 |
| perdelecta Alexander, 1942, Tipula (Microtipula) | 4.37 |
| perdistalis Alexander, 1943, Limonia (Dicranomyia) | 4.56 |
| perdistans Alexander, 1967, Cryptolabis (Cryptolabis) | 4.121 |
| perdistinctus (Alexander), 1942 (Tanypremna), Leptotarsus (Tanypremna) | 4.15 |
| perenensis (Alexander), 1923 (Eriocera), Hexatoma (Eriocera) | 4.103 |
| perexcelsior Alexander, 1962, Limonia (Dicranomyia) | 4.56 |
| prexigua Alexander, 1941, Hexatoma (Eriocera) | 4.103 |
| perexquisita Alexander, 1938, Gymnastes (Paragymnastes) | 4.143 |
| perextensus Alexander, 1951, Molophilus (Molophilus) | 4.149 |
| perfecta (Alexander), 1928 (Geranomyia), Limonia (Geranomyia) | 4.65 |
| perfestiva Alexander, 1951, Hexatoma (Eriocera) | 4.103 |
| perfidus Alexander, 1929, Molophilus (Molophilus) | 4.149 |
| perflaveola Alexander, 1927, Limonia (Dicranomyia) | 4.56 |
| perfuga Alexander, 1944, Ozodicera (Dihexaclonus) | 4.18 |
| perglabrata Alexander, 1962, Rhabdomastix (Rhabdomastix) | 4.155 |
| perglabratus (Alexander), 1953 (Longurio), Leptotarsus (Longurio) | 4.13 |
| pergracilis Alexander, 1943, Limnophila (Limnophila) | 4.108 |
| pergracilis Alexander, 1944, Toxorhina (Toxorhina) | 4.168 |
| perincisa Alexander, 1948, Atarba (Atarba) | 4.87 |
| Peripheroptera Schiner, 1866 | 4.72 |
| perirrorata (Alexander), 1928 (Gynoplistia), Paralimnophila | 4.110 |
| perjovialis Alexander, 1944, Tipula (Eumicrotipula) | 4.29 |
| perlaeta (Alexander), 1922 (Eriocera), Hexatoma (Eriocera) | 4.103 |
| perlata Alexander, 1944, Gnophomyia | 4.130 |
| perlata Alexander, 1943, Teucholabis (Teucholabis) | 4.164 |
| perlaticosta Alexander, 1941, Tipula (Microtipula) | 4.37 |
| perlimbata Alexander, 1942, Austrolimnophila (Austrolimnophila) | 4.91 |
| permagica Alexander, 1947, Gnophomyia | 4.130 |
| permonstrata (Alexander), 1935 (Limnophila), Shannonomyia (Roraimomyia) | 4.114 |
| pernobilis Alexander, 1941, Limonia (Neoglochina) | 4.69 |
| perornatus (Alexander), 1929 (Tanypremna), Leptotarsus (Tanypremna) | 4.15 |
| perpallens Alexander, 1964, Orimarga (Orimarga) | 4.83 |
| Perpallidus Alexander, 1942, Helius | 4.46 |
| perpulchra (Alexander), 1914 (Eriocera), Hexatoma (Eriocera) | 4.103 |
| perpuncticosta Alexander, 1950, Limonia (Dicranomyia) | 4.56 |
| perrara Alexander, 1936, Hexatoma (Eriocera) | 4.103 |
| perreducta (Alexander), 1938 (Gynoplistia), Paralimnophila | 4.110 |
| perretracta Alexander, 1942, Limonia (Dicranomyia) | 4.56 |
| perrostratus Alexander, 1965, Molophilus (Rhynchomolophilus) | 4.152 |
| persancta Alexander, 1938, Epiphragma (Epiphragma) | 4.97 |
| perserena Alexander, 1946, Limonia (Dicranomyia) | 4.56 |
| perseus Alexander, 1913, Molophilus (Molophilus) | 4.149 |
| perscssilis Alexander, 1939, Austrolimnophila (Austrolimnophila) | 4.91 |
| persevera Alexander, 1949, Gnophomyia | 4.130 |
| persimilis (Alexander), 1920 (Teucholabis), Gonomyia (Gonomyia) | 4.134 |



| | |
|--|-------|
| persimplex Alexander, 1950, Limonia (Rhipidia) | 4.77 |
| persinuosus Alexander, 1941, Molophilus (Molophilus) | 4.149 |
| perstrangalia (Alexander), 1962 (Holorusia), Zelandotipula | 4.43 |
| perstudiosa Alexander, 1937, Tipula (Eumicrotipula) | 4.29 |
| persuffusa Alexander, 1967, Limonia (Rhipidia) | 4.77 |
| pertenuis Alexander, 1952, Molophilus (Molophilus) | 4.149 |
| pertruncata Alexander, 1962, Limonia (Dicranomyia) | 4.56 |
| peruviana Alexander, 1922, Gonomyia (Progonomyia) | 4.142 |
| peruviana (Alexander), 1914 (Eriocera), Hexatoma (Eriocera) .. | 4.103 |
| peruviana Alexander, 1926, Rhabdomastix (Rhabdomastix) | 4.155 |
| peruviana (Alexander), 1914 (Holorusia), Zelandotipula | 4.43 |
| pervenustus Alexander, 1953, Helius | 4.46 |
| perversa Alexander, 1937, Hexatoma (Eriocera) | 4.103 |
| pervia Alexander, 1966, Hexatoma (Eriocera) | 4.104 |
| pervicax (Alexander), 1914 (Gnophomyia), Neognophomyia | 4.153 |
| pervincta Alexander, 1936, Limonia (Zelandoglochina) | 4.80 |
| petalina Alexander, 1947, Epiphragma (Epiphragma) | 4.97 |
| petalura Alexander, 1953, Tipula (Eumicrotipula) | 4.29 |
| petentis Alexander, 1949, Gnophomyia | 4.130 |
| petiolaris Alexander, 1940, Tipula (Eumicrotipula) | 4.29 |
| petronis Alexander, 1942, Gonomyia (Lipophleps) | 4.137 |
| petulus Alexander, 1937, Trentepohlia (Paramongoma) | 4.170 |
| Phaeodocera Enderlein, 1912 | 4.20 |
| phaedra (Alexander), 1949 (Macromastix), Leptotarsus (Longurio) | 4.13 |
| phaeostigma Alexander, 1962, Pedicia (Tricyphona) | 4.84 |
| phaeostigmata Alexander, 1943, Shannonomyia (Shannonomyia) | 4.116 |
| phaeoxantha Alexander, 1944, Epiphragma (Epiphragma) | 4.97 |
| phaeton (Alexander), 1945 (Holorusia) Isehnnotoma (Icriomastax) | 4.9 |
| phalangioides Alexander, 1945, Tipula (Eumicrotipula) | 4.29 |
| phallacantha Alexander, 1942, Ozodicera (Ozodicera) | 4.19 |
| phalodontus Alexander, 1968, Molophilus (Molophilus) | 4.149 |
| phallosomicus Alexander, 1939, Molophilus (Molophilus) | 4.149 |
| phallostena Alexander, 1968, Cryptolabis (Cryptolabis) | 4.121 |
| phantasma Alexander, 1943, Quechuamyia | 4.154 |
| phaon Alexander, 1950, Limonia (Rhipidia) | 4.77 |
| phasmatis Alexander, 1945, Helius | 4.46 |
| phatta (Philippi), 1865 (Limnobia), Limonia (Dicranomyia) | 4.56 |
| philippiana Alexander, 1920, Tipula (Eumicrotipula) | 4.29 |
| Philippiana Alexander, 1929 | 4.154 |
| philippii (Alexander), 1913 (Geranomyia), Limonia (Geranomyia) | 4.67 |
| philomela Alexander, 1945, Gonomyia (Lipophleps) | 4.137 |
| phoracaena Alexander, 1966, Toxorhina (Toxorhina) | 4.168 |
| phoroctenia Alexander, 1921, Gonomyia (Lipophleps) | 4.137 |
| phragmophora Alexander, 1937, Shannonomyia (Shannonomyia) . | 4.116 |
| phrixus Alexander, 1953, Brachypremna | 4.7 |
| phylax (Alexander), 1953 (Longurio), Leptotarsus (Tanypremna) | 4.15 |
| piabilis Alexander, 1944, Limonia (Dicranomyia) | 4.52 |
| piatrix Alexander, 1942, Hexatoma (Eriocera) | 4.104 |
| piatrix Alexander, 1944, Ozodicera (Ozodicera) | 4.19 |
| pictipennis (Philippi), 1865 (Ctedonia), Gynoplistia (Gynoplistia) | 4.99 |
| pictipennis Alexander, 1937, Sigmatomera (Sigmatomera) | 4.157 |
| pictipennis Walker, 1837, Tipula (Eumicrotipula) | 4.29 |
| pictipes Osten Sacken, 1887, Brachypremna | 4.7 |
| pictiventris Alexander, 1945, Brachypremna | 4.7 |



| | |
|--|-------|
| pictiventris Alexander, 1945, <i>Elephantomyia</i> (<i>Elephantomyia</i>) | 4.94 |
| picturata (Alexander), 1929 (<i>Ischnothrix</i>), <i>Atarba</i> (<i>Ischnothrix</i>) | 4.89 |
| picturellus (Alexander), 1941 (<i>Tanypremna</i>), <i>Leptotarsus</i> (<i>Tanypremna</i>) | 4.15 |
| pietatis Alexander, 1943, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.56 |
| piger Alexander, 1942, <i>Molophilus</i> (<i>Molophilus</i>) | 4.149 |
| Pilaria Sintenis, 1888 | 4.110 |
| pilipes (Fabricius), 1787 (<i>Tipula</i>), <i>Erioptera</i> (<i>Trimicra</i>) | 4.126 |
| pilipes (Walker), 1856 (<i>Geranomyia</i>), <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.164 |
| pilosipennis Alexander, 1929, <i>Limonia</i> (<i>Zelandoglochina</i>) | 4.80 |
| pilosipes (Alexander), 1929 (<i>Philippiana</i>), <i>Erioptera</i> (<i>Erioptrella</i>) | 4.123 |
| pilosispina Alexander, 1936, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.137 |
| pilulifera Edwards, 1919, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.29 |
| pinckerti Alexander, 1962, <i>Neognophomyia</i> | 4.153 |
| pinodes Alexander, 1929, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.56 |
| pirioni Alexander, 1929, <i>Molophilus</i> (<i>Molophilus</i>) | 4.150 |
| pirioni (Alexander), 1928 (<i>Gynoplistia</i>), <i>Paralimnophila</i> | 4.110 |
| pirioni Alexander, 1928, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.29 |
| piro Alexander, 1914, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.29 |
| placabilis Alexander, 1941, <i>Teucholabis</i> (<i>Paratropesa</i>) | 4.159 |
| placata Alexander, 1965, <i>Ozodicera</i> (<i>Ozodicera</i>) | 4.20 |
| plagifera (Alexander), 1943 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.43 |
| planitas Alexander, 1952, <i>Molophilus</i> (<i>Molophilus</i>) | 4.150 |
| platensis (Alexander), 1923 (<i>Limnophila</i>), <i>Austrolimnophila</i> (<i>Austrolimnophila</i>) | 4.91 |
| platensis (Alexander), 1923 (<i>Geranomyia</i>), <i>Limonia</i> (<i>Geranomyia</i>) | 4.65 |
| platensis (Alexander), 1923 (<i>Limnophila</i>), <i>Paralimnophila</i> | 4.110 |
| platymera Alexander, 1939, <i>Gonomyia</i> (<i>Neolipophleps</i>) | 4.139 |
| platymera Alexander, 1943, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.142 |
| platymerella Alexander, 1947, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.142 |
| platymerina Alexander, 1944, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.133 |
| platymicroides Alexander, 1952, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.133 |
| platyphallus Alexander, 1942, <i>Molophilus</i> (<i>Molophilus</i>) | 4.150 |
| platyphallus Alexander, 1945, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.164 |
| platyptera (Alexander), 1929 (<i>Tricyphona</i>), <i>Pedicia</i> (<i>Tricyphona</i>) | 4.85 |
| platytergata Alexander, 1962, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.29 |
| plaumanni Alexander, 1936, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.104 |
| plaumanni Alexander, 1947, <i>Rhabdomastix</i> (<i>Sacandaga</i>) | 4.155 |
| plaumanniana Alexander, 1938, <i>Sigmatomera</i> (<i>Austrolimnobia</i>) | 4.156 |
| plaumannina Alexander, 1945, <i>Tipula</i> (<i>Microtipula</i>) | 4.37 |
| plebeius Alexander, 1954, <i>Helius</i> | 4.46 |
| Plectromyia Osten Sacken, 1869 | 4.84 |
| Plettusa Philippi, 1865 | 4.60 |
| pleuralis (Williston), 1896 (<i>Atarba</i>), <i>Gonomyia</i> (<i>Paralipophleps</i>) | 4.140 |
| pleuralis (Alexander), 1912 (<i>Rhipidia</i>), <i>Limonia</i> (<i>Rhipidia</i>) | 4.78 |
| pleuralis Alexander, 1913, <i>Polymera</i> (<i>Polymera</i>) | 4.112 |
| pleuralis Alexander, 1913, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.164 |
| pleurolinea Alexander, 1959, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.164 |
| pleurolineata Alexander, 1929, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.142 |
| pleurostriata Alexander, 1939, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.135 |
| pleurotaeniata Alexander, 1942, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.135 |
| plumbeicolor Alexander, 1942, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.104 |
| plumbeicolor Alexander, 1938, <i>Limonia</i> (<i>Geranomyia</i>) | 4.65 |
| plumbeinota Alexander, 1940, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.104 |



| | |
|--|-------|
| plumbeipleura (Alexander), 1916 (Geranomyia), Limonia (Geranomyia) | 4.65 |
| plumbeithorax Alexander, 1921, Tipula (Microtipula) | 4.37 |
| pluto Alexander, 1939, Pseudolimnophila | 4.113 |
| plutoides Alexander, 1948, Pseudolimnophila | 4.113 |
| pluvialis Alexander, 1929, Limonia (Dieranomyia) | 4.56 |
| podacantha Alexander, 1944, Gnophomyia | 4.130 |
| podagra Alexander, 1952, Teucholabis (Teucholabis) | 4.164 |
| polingi Alexander, 1946, Gonomyia (Euptilostena) | 4.132 |
| polita Osten Sacken, 1887, Teucholabis (Teucholabis) | 4.164 |
| polycantha Alexander, 1940, Toxorhina (Toxorhina) | 4.168 |
| polyelada Alexander, 1943, Limonia (Rhipidia) | 4.78 |
| polydonta Alexander, 1944, Erioptera (Erioptera) | 4.123 |
| polygrapha Alexander, 1939, Limonia (Dieranomyia) | 4.51 |
| <i>Polymeda</i> Meigen, 1800 | 4.122 |
| <i>Polymera</i> Wiedemann, 1820 | 4.111 |
| <i>Polymerodes</i> Alexander, 1920 | 4.113 |
| <i>Polymoria</i> Philippi, 1865 | 4.109 |
| <i>Polymoria</i> Philippi of Alexander, 1924 | 4.89 |
| <i>Polypraesidia</i> Miller, 1943 | 4.109 |
| polyspilota Alexander, 1937, Austrolimnophila (Austrolimnophila) | 4.91 |
| polystieta (Philippi), 1865 (Limnobia), Limonia (Dicranomyia) .. | 4.57 |
| polystonyx Alexander, 1968, Limonia (Dicranomyia) | 4.57 |
| polytricha Alexander, 1945, Erioptera (Erioptera) | 4.123 |
| pomerantzi Alexander, 1964, Shannonomyia (Shannonomyia) | 4.116 |
| pontifex Alexander, 1967, Tipula (Microtipula) | 4.37 |
| porrecta Alexander, 1950, Limonia (Neolimonia) | 4.71 |
| porrecta Alexander, 1951, Tipula (Microtipula) | 4.37 |
| porteri Alexander, 1929, Gnophomyia | 4.130 |
| porteri (Alexander), 1929 (Holorusia), Ischnotoma (Ischnotoma) . | 4.10 |
| porteri (Alexander), 1919 (Dicranomyia), Limonia (Idioglochina) | 4.68 |
| porterianus (Alexander), 1936 (Tanypremna), Leptotarsus (Tanypremna) | 4.15 |
| portorieana Alexander, 1936, Teucholabis (Teucholabis) | 4.164 |
| portoricensis (Alexander), 1912 (Megistomastix), Dolichopeza (Megistomastix) | 4.8 |
| portorieensis Alexander, 1932, Erioptera (Mesoeophona) | 4.125 |
| postlea Alexander, 1929, Gynoplistia (Gynoplistia) | 4.99 |
| posticata (Alexander), 1939 (Gnophomyia), Eugnophomyia | 4.127 |
| posticata Alexander, 1929, Rhabdomastix (Rhabdomastix) | 4.155 |
| postnotalis (Alexander), 1929 (Holorusia), Ischnotoma (Ischnotoma) | 4.10 |
| praececellens Alexander, 1944, Limonia (Dicranomyia) | 4.57 |
| praeclara Alexander, 1928, Limonia (Neoglochina) | 4.69 |
| prae nobilis Alexander, 1945, Teucholabis (Euparatropesa) | 4.158 |
| praepostera (Alexander), 1925 (Dicranomyia), Limonia (Dicranomyia) | 4.57 |
| praeusta (Osten Saeken), 1886 (Paratropesa), Teucholabis (Paratropesa) | 4.159 |
| praevia Alexander, 1952, Limonia (Dicranomyia) | 4.57 |
| pratti Alexander, 1950, Limonia (Rhipidia) | 4.78 |
| pretiosa (Osten Saeken), 1886 (Eriocera), Hexatoma (Eriocera) . | 4.104 |
| pretiosa Alexander, 1945, Tipula (Microtipula) | 4.37 |
| pretiosus Alexander, 1929, Molophilus (Molophilus) | 4.150 |



| | |
|--|-------|
| primitiva Alexander, 1943, Elephantomyia (Elephantomyia) | 4.94 |
| primogenia Alexander, 1948, Elephantomyia (Elephantomyia) | 4.94 |
| prindlei Alexander, 1938, Limonia (Peripheroptera) | 4.73 |
| pritchardi Alexander, 1940, Tipula (Microtipula) | 4.37 |
| proavita (Alexander), 1940 (Tanypremna), Leptotarsus (Tany- premna) | 4.15 |
| problematica (Alexander), 1945 (Holorusia), Ischnotoma (Ischno- toma) | 4.10 |
| problematica Alexander, 1943, Jivaromyia | 4.143 |
| procella Alexander, 1944, Limnophila (Limnophila) | 4.107 |
| procax Alexander, 1946, Molophilus (Molophilus) | 4.150 |
| procericornis Alexander, 1944, Atarba (Atarba) | 4.87 |
| procericornis Edwards, 1919, Tipula (Eumicrotipula) | 4.29 |
| Procryptolabis Alexander, 1923 | 4.122 |
| proctigerica Alexander, 1950, Limonia (Rhipidia) | 4.78 |
| proctotricha Alexander, 1945, Tipula (Microtipula) | 4.37 |
| producta Alexander, 1919, Gonomyia (Lipophleps) | 4.137 |
| productellus Alexander, 1944, Helius | 4.46 |
| productissima Alexander, 1944, Neognophomyia | 4.153 |
| profana Alexander, 1941, Limonia (Rhipidia) | 4.78 |
| profuga Alexander, 1937, Tipula (Eumicrotipula) | 4.29 |
| profusa Alexander, 1945, Orimarga (Diotrepha) | 4.82 |
| Progonomyia Alexander, 1920 | 4.141 |
| projecta Alexander, 1941, Gonomyia (Lipophleps) | 4.137 |
| projecta Alexander, 1949, Teucholabis (Teucholabis) | 4.164 |
| proliferata Alexander, 1940, Limonia (Rhipidia) | 4.78 |
| prolixicornis Alexander, 1927, Polymera (Polymera) | 4.112 |
| prolixisterna Alexander, 1941, Tipula (Microtipula) | 4.37 |
| prolixistylus Alexander, 1930, Gonomyia (Lipophleps) | 4.137 |
| prolongata Alexander, 1940, Gonomyia (Lipophleps) | 4.137 |
| prolongata Alexander, 1938, Toxorhina (Ceratocheilus) | 4.167 |
| Promongoma Alexander, 1938 | 4.170 |
| propatula Alexander, 1947, Gnophomyia | 4.130 |
| propera Alexander, 1949, Limonia (Geranomyia) | 4.65 |
| propinqua Alexander, 1936, Hexatoma (Eriocera) | 4.104 |
| propitia Alexander, 1944, Tipula (Eumicrotipula) | 4.30 |
| proseni Alexander, 1954, Limonia (Rhipidia) | 4.78 |
| Protohelius Alexander, 1928 | 4.83 |
| protrudens Alexander, 1952, Tipula (Eumicrotipula) | 4.29 |
| protuberans Alexander, 1946, Shannonomyia (Shannonomyia) | 4.116 |
| providens Alexander, 1950, Shannonomyia (Shannonomyia) | 4.116 |
| provocator Alexander, 1941, Limonia (Geranomyia) | 4.65 |
| proxima (Bellardi), 1859 (Tipula), Nephrotoma | 4.17 |
| Psaronius Enderlein, 1912 | 4.106 |
| Pselliophora Osten Sacken, 1886 | 4.7 |
| Pseudolimnophila Alexander, 1919 | 4.113 |
| Psiloconopa Zetterstedt, 1838 | 4.126 |
| psittacina Alexander, 1962, Tipula (Eumicrotipula) | 4.29 |
| Pterelachisus Rondani, 1842 | 4.40 |
| pubescens (Alexander), 1913 (Erioptera), Cheilotrichia (Empeda) | 4.120 |
| puella (Williston), 1896 (Atarba), Gonomyia (Lipophleps) | 4.137 |
| puer Alexander, 1913, Gonomyia (Lipophleps) | 4.137 |



| | |
|--|-------|
| <i>pugilis</i> Alexander, 1943, <i>Limonia</i> (<i>Neolimnobia</i>) | 4.70 |
| <i>pugnax</i> Alexander, 1946, <i>Limonia</i> (<i>Caenoglochina</i>) | 4.48 |
| <i>pulchella</i> (Alexander), 1914 (<i>Geranomyia</i>), <i>Limonia</i> (<i>Geranomyia</i>) | 4.61 |
| <i>pulchella</i> (Rondani), 1850 (<i>Pachyrhina</i>), <i>Nephrotoma</i> | 4.17 |
| <i>pulchella</i> Alexander, 1913, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.164 |
| <i>pulchricornis</i> Alexander, 1914, <i>Polymera</i> (<i>Polymera</i>) | 4.112 |
| <i>pulchripes</i> (Alexander), 1922 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) .. | 4.104 |
| <i>pullatipes</i> Alexander, 1951, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.104 |
| <i>pullipes</i> Alexander, 1937, <i>Limnophila</i> (<i>Limnophila</i>) | 4.108 |
| <i>pulvinaris</i> Alexander, 1945, <i>Gnophomyia</i> | 4.130 |
| <i>pulvinus</i> Alexander, 1943, <i>Molophilus</i> (<i>Molophilus</i>) | 4.150 |
| <i>pumila</i> Alexander, 1942, <i>Ozodicera</i> (<i>Dihexaclonus</i>) | 4.18 |
| <i>punctatissima</i> (Wiedemann), 1828 (<i>Limnobia</i>), <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.97 |
| <i>punctifrons</i> (Macquart), 1838 (<i>Pachyrhina</i>), <i>Nephrotoma</i> | 4.17 |
| <i>punctipennis</i> (Philippi), 1865 (<i>Polymoria</i>), <i>Austrolimnophila</i> (<i>Aus-</i> <i>trolimnophila</i>) | 4.91 |
| <i>punctipennis</i> (Alexander), 1914 (<i>Rhipidia</i>), <i>Limonia</i> (<i>Rhipidia</i>) .. | 4.78 |
| <i>punctipennis</i> Alexander, 1914, <i>Orimarga</i> (<i>Orimarga</i>) | 4.83 |
| <i>punctiscuta</i> Alexander, 1922, <i>Atarba</i> (<i>Atarba</i>) | 4.87 |
| <i>punctoria</i> Alexander, 1929, <i>Limonia</i> (<i>Rhipidia</i>) | 4.78 |
| <i>punoensis</i> Alexander, 1945, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.57 |
| <i>pupillata</i> Alexander, 1913, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.97 |
| <i>pusilla</i> (Bigot), 1888 (<i>Tricyphona</i>) | 4.85 |
| <i>pustulatus</i> Alexander, 1946, <i>Molophilus</i> (<i>Molophilus</i>) | 4.150 |
| <i>pyensoni</i> Alexander, 1939, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.137 |
| <i>pygmaea</i> (Alexander), 1914 (<i>Psaronius</i>), <i>Lecteria</i> (<i>Psaronius</i>) | 4.106 |
| <i>pygmaeus</i> (Alexander), 1914 (<i>Macromastix</i>), <i>Leptotarsus</i> (<i>Longurio</i>) | 4.13 |
| <i>quadricincta</i> Alexander, 1927, <i>Erioptera</i> (<i>Erioptera</i>) | 4.123 |
| <i>quadricollis</i> Alexander, 1945, <i>Tipula</i> (<i>Microtipula</i>) | 4.37 |
| <i>quadrifidus</i> Alexander, 1926, <i>Helius</i> | 4.46 |
| <i>quadrifurcata</i> Alexander, 1928, <i>Erioptera</i> (<i>Mesocyphona</i>) | 4.125 |
| <i>quadrigladiata</i> Alexander, 1944, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.57 |
| <i>quadri-lineata</i> (Macquart), 1838 (<i>Pachyrhina</i>), <i>Nephrotoma</i> | 4.17 |
| <i>quadrimaculata</i> Bellardi, 1859 (<i>Tipula</i>) | 4.44 |
| <i>quadrisetosa</i> Alexander, 1951, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.29 |
| <i>quadristylus</i> Alexander, 1922, <i>Molophilus</i> (<i>Molophilus</i>) | 4.150 |
| <i>quadrituberculata</i> Alexander, 1937, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.57 |
| <i>quaesita</i> Alexander, 1938, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.133 |
| <i>quasimodo</i> Alexander, 1950, <i>Atarba</i> (<i>Atarba</i>) | 4.87 |
| <i>quasimodo</i> Alexander, 1943, <i>Brachypremna</i> | 4.7 |
| <i>Quechuamyia</i> Alexander, 1943 | 4.154 |
| <i>queribunda</i> Alexander, 1941, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.133 |
| <i>quichua</i> Alexander, 1916, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.30 |
| <i>quinquecincta</i> Alexander, 1927, <i>Erioptera</i> (<i>Erioptera</i>) | 4.123 |
| <i>quinqueplagiata</i> Alexander, 1931, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.142 |
| <i>rabelloi</i> (Alexander), 1953 (<i>Longurio</i>), <i>Leptotarsus</i> (<i>Longurio</i>) .. | 4.13 |
| <i>rabula</i> Alexander, 1940, <i>Limonia</i> (<i>Geranomyia</i>) | 4.65 |
| <i>ramus</i> Alexander, 1943, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.137 |
| <i>rapax</i> (Alexander), 1921 (<i>Dicranomyia</i>), <i>Limonia</i> (<i>Caenoglochina</i>) | 4.48 |
| <i>rapida</i> Alexander, 1946, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.57 |
| <i>raptor</i> Alexander, 1947, <i>Molophilus</i> (<i>Molophilus</i>) | 4.150 |



| | |
|--|-------|
| <i>rara</i> (Alexander), 1929 (Gynoplistia), Paralimnophila | 4.110 |
| <i>rastriformis</i> Alexander, 1946, Gonomyia (Lipophleps) | 4.137 |
| <i>ravida</i> (Alexander), 1925 (Dicranomyia), Limonia (Dicranomyia) | 4.57 |
| <i>reciproca</i> (Walker), 1848 (Limnobia), Erioptera (Trimicra) | 4.126 |
| <i>reciproca</i> Alexander, 1946, Tipula (Eumicrotipula) | 4.30 |
| <i>reeisa</i> (Alexander), 1927 (Geranomyia), Limonia (Geranomyia) .. | 4.65 |
| <i>recondita</i> (Alexander), 1921 (Geranomyia), Limonia (Geranomyia) .. | 4.65 |
| <i>rectangula</i> Alexander, 1966, Gonomyia (Gonomyia) | 4.134 |
| <i>rectangularis</i> Alexander, 1954, Atarba (Ischnothrix) | 4.89 |
| <i>rectangularis</i> Alexander, 1952, Teucholabis (Teucholabis) | 4.164 |
| <i>rectangulus</i> Alexander, 1951, Tipula (Microtipula) | 4.38 |
| <i>reetispina</i> Alexander, 1947, Helius | 4.47 |
| <i>reetispina</i> Alexander, 1968, Teucholabis (Teucholabis) | 4.164 |
| <i>reetispinus</i> Alexander, 1952, Molophilus (Molophilus) | 4.150 |
| <i>rectus</i> Alexander, 1945, Helius | 4.47 |
| <i>recurvata</i> Alexander, 1942, Cryptolabis (Cryptolabis) | 4.121 |
| <i>recurvata</i> Alexander, 1941, Gonomyia (Lipophleps) | 4.137 |
| <i>rediviva</i> Alexander, 1942, Limonia (Peripheroptera) | 4.73 |
| <i>redunea</i> Alexander, 1967, Tipula (Eumicrotipula) | 4.30 |
| <i>reedi</i> Alexander, 1934, Tipula (Eumicrotipula) | 4.30 |
| <i>refuga</i> Alexander, 1944, Limonia (Geranomyia) | 4.65 |
| <i>regifica</i> (Alexander), 1916 (Dieranomyia), Limonia (Dicranomyia) .. | 4.57 |
| <i>regina</i> (Alexander), 1914 (Tanypremna), Leptotarsus (Pehlkea) . | 4.13 |
| <i>regina</i> Alexander, 1926, Polymera (Polymera) | 4.112 |
| <i>regius</i> Alexander, 1944, Helius | 4.47 |
| <i>regnatix</i> Alexander, 1943, Gnophomyia | 4.130 |
| <i>regressa</i> Alexander, 1950, Tipula (Microtipula) | 4.38 |
| <i>regulus</i> (Alexander), 1943 (Tanypremna), Leptotarsus (Pelkea) . | 4.13 |
| <i>relata</i> Alexander, 1944, Limonia (Geranomyia) | 4.65 |
| <i>religiosa</i> Alexander, 1946, Atarba (Atarba) | 4.87 |
| <i>religiosa</i> Alexander, 1946, Tipula (Triehotipula) | 4.40 |
| <i>remiger</i> Alexander, 1922, Molophilus (Molophilus) | 4.150 |
| <i>remigera</i> Alexander, 1946, Gonomyia (Gonomyia) | 4.134 |
| <i>remingtoni</i> Alexander, 1946, Limonia (Geranomyia) | 4.63 |
| <i>remota</i> Alexander, 1926, Gonomyia (Gonomyia) | 4.134 |
| <i>repanda</i> Alexander, 1928, Limonia (Caenolimonia) | 4.49 |
| <i>repentina</i> Alexander, 1929, Limonia (Dieranomyia) | 4.57 |
| <i>resplendens</i> Alexander, 1946, Tipula (Eumicrotipula) | 4.30 |
| <i>restricta</i> Alexander, 1943, Atarba (Atarba) | 4.87 |
| <i>reticulata</i> (Alexander), 1912 (Fureomyia), Limonia (Dieranomyia) .. | 4.57 |
| <i>retraetior</i> Alexander, 1943, Austrolimnophila (Limnophilella) | 4.92 |
| <i>retrorsa</i> Alexander, 1962, Tipula (Microtipula) | 4.38 |
| <i>retrorsus</i> Alexander, 1939, Molophilus (Molophilus) | 4.150 |
| <i>retusa</i> Alexander, 1935, Teucholabis (Teucholabis) | 4.164 |
| <i>reverentia</i> Alexander, 1949, Hexatoma (Erioceera) | 4.104 |
| <i>revulsa</i> Alexander, 1954, Toxorhina (Ceratcehilus) | 4.167 |
| <i>reyesi</i> Alexander, 1946, Gonomyia (Lipophleps) | 4.137 |
| <i>Rhabdomastix</i> Skuse, 1890 | 4.154 |
| <i>rhabdophora</i> Alexander, 1942, Teucholabis (Teucholabis) | 4.164 |
| <i>rhadinostyla</i> Alexander, 1964, Gonomyia (Lipophleps) | 4.138 |
| <i>Rhamphidia</i> Meigen, 1830 | 4.45 |
| <i>Rhamphoneurus</i> Alexander, 1929 | 4.117 |



| | |
|--|-------|
| Rhaphidolabis Osten Sacken, 1869 | 4.84 |
| Rhipidia Meigen, 1818 | 4.74 |
| rhoda Alexander, 1939, Limonia (Periphroptera) | 4.73 |
| Rhynchomolophilus Alexander, 1965 | 4.152 |
| richardsi Alexander, 1929, Molophilus (Molophilus) | 4.150 |
| riedelliana (Enderlein), 1917 (Dirhipis), Gynoplistia (Dirhipis) ... | 4.98 |
| ringens (Alexander), 1935 (Holorusia), Zelandotipula | 4.43 |
| riveti Edwards, 1919, Tipula (Eumicrotipula) | 4.30 |
| roraima Alexander, 1931 Limnophila (Limnophila) | 4.108 |
| roraimac Alexander, 1931, Limonia (Neolimonia) | 4.72 |
| roraimella Alexander, 1935, Hexatoma (Eriocera) | 4.104 |
| roraimensis Alexander, 1935, Shannonomyia (Shannonomyia) | 4.116 |
| roraimicola Alexander, 1931, Limnophila (Limnophila) | 4.108 |
| roraimicola Alexander, 1935, Trentepohlia (Paramongoma) | 4.170 |
| Roraimomyia Alexander, 1935 | 4.113 |
| rostrata antillarum Alexander, 1929, Limonia (Geranomyia) | 4.65 |
| rostrata Enderlein, 1912, Teucholabis (Teucholabis) | 4.164 |
| rostrifera Alexander, 1946, Dicranota (Rhaphidolabis) | 4.84 |
| roundsi Alexander, 1939, Cryptolabis (Cryptolabis) | 4.121 |
| rubecula Alexander, 1944, Limnophila (Limnophila) | 4.108 |
| rubella Alexander, 1926, Palaria | 4.110 |
| rubicundula Alexander, 1921, Gnophomyia | 4.130 |
| rubicundus (Alexander), 1922 (Rhamphidia), Helius | 4.47 |
| rubidithorax Alexander, 1929, Molophilus (Molophilus) | 4.150 |
| rubiginosa Alexander, 1931, Limonia (Geranomyia) | 4.65 |
| rubriceps Alexander, 1937, Teucholabis (Teucholabis) | 4.164 |
| rubroatra Alexander, 1962, Teucholabis (Teucholabis) | 4.164 |
| rucana Alexander, 1946, Tipula (Eumicrotipula) | 4.30 |
| rufescens (Loew), 1851 (Aporosa), Limonia (Geranomyia) | 4.65 |
| ruficornis (Macquart), 1838 (Cylindrotoma), Hexatoma (Eriocera) | 4.104 |
| rufirostris Bigot, 1888, Tipula (Eumicrotipula) | 4.30 |
| rufithorax (Wiedemann), 1828 (Limnobia), Sigmatomera (Eufurina) | 4.156 |
| rufostigmosa (Macquart), 1838 (Tipula), Ischnotoma (Ischnotoma) | 4.10 |
| rufula Alexander, 1946, Teucholabis (Teucholabis) | 4.165 |
| runa Alexander, 1947, Gonomyia (Gonomyia) | 4.134 |
| runtunensis Alexander, 1940, Tipula (Eumicrotipula) | 4.30 |
| rupununi Alexander, 1945, Hexatoma (Eriocera) | 4.104 |
| rutristylus Alexander, 1968, Amphineurus (Rhamphineurus) | 4.118 |
| sabethoides Edwards, 1927, Molophilus (Eumolophilus) | 4.143 |
| Sacandaga Alexander, 1911 | 4.155 |
| sackeni Williston, 1896, Epiphragma (Epiphragma) | 4.97 |
| sackeni Alexander, 1913, Teucholabis (Teucholabis) | 4.165 |
| saga Alexander, 1940, Hexatoma (Eriocera) | 4.104 |
| sagax Alexander, 1938, Molophilus (Molophilus) | 4.150 |
| sagitta Alexander, 1949, Gnophomyia | 4.130 |
| sagittarius Alexander, 1914, Molophilus (Molophilus) | 4.150 |
| sagittoides Alexander, 1951, Gnophomyia | 4.130 |
| salmani Alexander, 1927, Gonomyia (Gonomyia) | 4.134 |
| salome (Alexander), 1945 (Tanypremna), Leptotarsus (Tanypremna) | 4.15 |
| saltatrix (Alexander), 1944 (Tanypremna), Leptotarsus (Tanypremna) | 4.15 |
| salti Alexander, 1930, Teucholabis (Teucholabis) | 4.165 |



| | |
|---|-------|
| salutatoria Alexander, 1945, Tipula (Eumicrotipula) | 4.28 |
| salva Alexander, 1942, Teucholabis (Teucholabis) | 4.165 |
| sana Alexander, 1936, Gonomyia (Lipophleps) | 4.138 |
| sanctaecatharinae (Alexander), 1945 (Tanypremna), Leptotarsus (Tanypremna) | 4.15 |
| sanctaacruzae (Alexander), 1920 (Dicranomyia), Limonia (Dicra- nomyia) | 4.57 |
| sanctaemartae (Alexander), 1919 (Penthoptera), Hexatoma (Erio- cera) | 4.104 |
| sanctaemartae Alexander, 1930, Limonia (Neolimonia) | 4.72 |
| sandersi Alexander, 1931, Gonomyia (Lipophleps) | 4.138 |
| sanguinea Alexander, 1938, Teucholabis (Teucholabis) | 4.165 |
| sanguinolenta Alexander, 1938, Teucholabis (Euparatropesa) | 4.158 |
| sanguinolentus (Alexander), 1921 (Rhamphidia), Helius | 4.47 |
| sanus Alexander, 1929, Amphineurus (Rhamphoneurus) | 4.118 |
| sappho Alexander, 1943, Brachypremna | 4.7 |
| sappho Alexander, 1943, Epiphragma (Epiphragma) | 4.98 |
| sariapampae Alexander, 1967, Tipula (Eumicrotipula) | 4.30 |
| satipoana Alexander, 1945, Limonia (Geranomyia) | 4.65 |
| satipoensis Alexander, 1944, Rhabdomastix (Rhabdomastix) | 4.155 |
| satrapa Alexander, 1952, Tipula (Eumicrotipula) | 4.30 |
| saturata Alexander, 1927, Erioptera (Mesocyphona) | 4.125 |
| saturata Alexander, 1937, Gonomyia (Progonomyia) | 4.142 |
| saturnina Alexander, 1943, Orimarga (Orimarga) | 4.83 |
| saxicola Alexander, 1923, Gonomyia (Progonomyia) | 4.142 |
| sayi Alexander, 1911, Tipula (Yamatotipula) | 4.40 |
| scabricornis Alexander, 1942, Molophilus (Molophilus) | 4.150 |
| scabrifolia Alexander, 1967, Erioptera (Mesocyphona) | 4.125 |
| scabriseta Alexander, 1938, Orimarga (Orimarga) | 4.83 |
| scabristyla Alexander, 1968, Limonia (Neolimonia) | 4.72 |
| scabrosa Alexander, 1944, Atarba (Atarba) | 4.87 |
| scabrosa Alexander, 1938, Teucholabis (Teucholabis) | 4.165 |
| scaenalis Alexander, 1951, Limonia (Caenoglochina) | 4.48 |
| scapania Alexander, 1966, Toxorhina (Toxorhina) | 4.168 |
| scapha Alexander, 1945, Neognophomyia | 4.153 |
| scaphoides Alexander, 1952, Neognophomyia) | 4.154 |
| scaphula Alexander, 1945, Tipula (Microtipula) | 4.38 |
| scapularis (Macquart), 1838 (Rhamphidia), Teucholabis (Teucho- labis) | 4.165 |
| scaramuzzai Alexander, 1937, Shannonomyia (Shannonomyia) | 4.116 |
| scelerata Alexander, 1945, Gonomyia (Lipophleps) | 4.138 |
| scelcrosa Alexander, 1948, Polymera (Polymera) | 4.112 |
| scelesta Alexander, 1945, Tipula (Microtipula) | 4.38 |
| <i>Scepasma</i> Enderlein, 1917 | 4.98 |
| schachovskoyana Alexander, 1960, Gynoplistia (Gynoplistia) | 4.99 |
| schachovskoyi Alexander, 1952, Tipula (Eumicrotipula) | 4.30 |
| schadeana Alexander, 1935, Gonomyia (Neolipophleps) | 4.139 |
| schadei Alexander, 1935, Cryptolabis (Cryptolabis) | 4.121 |
| schadci Alexander, 1926, Limnophila (Limnophila) | 4.108 |
| schadei Alexander, 1929, Limonia (Rhipidia) | 4.78 |
| schauseana Alexander, 1966, Hexatoma (Eriocera) | 4.104 |
| schildeana Alexander, 1966, Hexatoma (Eriocera) | 4.104 |
| schildeana Alexander, 1945, Tipula (Microtipula) | 4.38 |



| | |
|--|-------|
| schildi Alexander, 1945, <i>Helius</i> | 4.47 |
| schildi Alexander, 1945, <i>Neognophomyia</i> | 4.154 |
| schindleri Alexander, 1962, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.57 |
| schineri (Alexander), 1922 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) | 4.104 |
| schineri (Osten Sacken), 1887 (<i>Peripheroptera</i>), <i>Limonia</i> (<i>Peri-</i> <i>phroptera</i>) | 4.73 |
| schineri Enderlein, 1912, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.165 |
| schineri (Alexander), 1934 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.43 |
| schineriana (Alexander), 1928 (<i>Holorusia</i>), <i>Ischnotoma</i> (<i>Ischno-</i> <i>toma</i>) | 4.10 |
| schizomera Alexander, 1940, <i>Tipula</i> (<i>Bellardina</i>) | 4.21 |
| schultzei Alexander, 1946, <i>Molophilus</i> (<i>Molophilus</i>) | 4.150 |
| schunkcana Alexander, 1948, <i>Austrolimnophila</i> (<i>Limnophilella</i>) .. | 4.92 |
| schwarzi (Alexander), 1912 (<i>Rhipidia</i>), <i>Limonia</i> (<i>Rhipidia</i>) | 4.78 |
| schwarzmaierana Alexander, 1942, <i>Ozodicera</i> (<i>Ozodicera</i>) | 4.20 |
| schwarzmaieri Alexander, 1940, <i>Tipula</i> (<i>Microtipula</i>) | 4.38 |
| sciasma Alexander, 1950, <i>Limonia</i> (<i>Neoglochina</i>) | 4.69 |
| scimitar Alexander, 1914, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.138 |
| scimitar Alexander, 1942, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.57 |
| scolopax (Alexander), 1913 (<i>Geranomyia</i>), <i>Limonia</i> (<i>Geranomyia</i>) | 4.66 |
| scriptella Alexander, 1940, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.30 |
| sculleniana Alexander, 1965, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.104 |
| scutata Alexander, 1939, <i>Atarba</i> (<i>Atarba</i>) | 4.87 |
| scutellata (Alexander), 1929 (<i>Ischnothrix</i>), <i>Atarba</i> (<i>Ischnothrix</i>) | 4.89 |
| secespita Alexander, 1936, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.138 |
| seclusa (Alexander), 1928 (<i>Limnophila</i>), <i>Shannonomyia</i> (<i>Shanno-</i> <i>nomyla</i>) | 4.116 |
| seguyi Alexander, 1930, <i>Sigmatomera</i> (<i>Sigmatomera</i>) | 4.157 |
| segnipes (Alexander), 1953 (<i>Longurio</i>), <i>Leptotarsus</i> (<i>Tanyprem-</i> <i>nella</i>) | 4.16 |
| sejugata Alexander, 1939, <i>Limonia</i> (<i>Rhipidia</i>) | 4.78 |
| selanderi Alexander, 1956, <i>Tipula</i> (<i>Trichotipula</i>) | 4.40 |
| selkirki (Alexander), 1920 (<i>Dicranomyia</i>), <i>Limonia</i> (<i>Dicranomyia</i>) | 4.57 |
| selkirkiana Alexander, 1952, <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.116 |
| selkirkianus (Enderlein), 1940 (<i>Archimolophilus</i>), <i>Molophilus</i> (<i>Molophilus</i>) | 4.150 |
| semiflava Alexander, 1949, <i>Cryptolabis</i> (<i>Cryptolabis</i>) | 4.121 |
| semirufa (Alexander), 1927 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) | 4.104 |
| semivulpina Alexander, 1944, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.30 |
| senaria Alexander, 1943, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.138 |
| separata (Alexander), 1921 (<i>Geranomyia</i>), <i>Limonia</i> (<i>Geranomyia</i>) | 4.66 |
| seposita Alexander, 1929, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.57 |
| seposita Alexander, 1941, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.165 |
| septemhastata Alexander, 1962, <i>Tipula</i> (<i>Microtipula</i>) | 4.38 |
| septempunctata Alexander, 1939, <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.116 |
| septemtrionalis Alexander, 1914, <i>Rhabdomastix</i> (<i>Rhabdomastix</i>) . | 4.155 |
| septemtrionis Alexander, 1940, <i>Ozodicera</i> (<i>Ozodicera</i>) | 4.20 |
| septuosa Alexander, 1962, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.98 |
| sepulchralis Alexander, 1922, <i>Cryptolabis</i> (<i>Cryptolabis</i>) | 4.121 |
| serena Alexander, 1922, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.142 |
| serotina (Alexander), 1923 (<i>Geranomyia</i>), <i>Limonia</i> (<i>Geranomyia</i>) | 4.66 |
| serotincllus (Alexander), 1928 (<i>Macromastix</i>), <i>Leptotarsus</i> (<i>Lon-</i> <i>gurio</i>) | 4.13 |
| serpentina Alexander, 1938, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.134 |

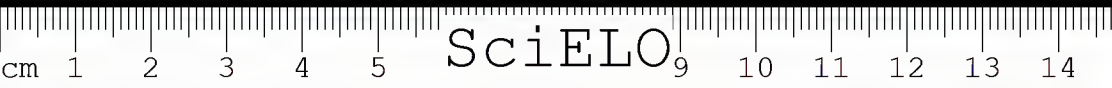


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|--|--------------|
| serratiloba Alexander, 1950, Limonia (Dicranomyia) | 4.57 |
| serrilobata Alexander, 1941, Tipula (Eumierotipula) | 4.30 |
| serrimarga Alexander, 1944, Pedicia (Tricyphona) | 4.85 |
| serristyla Alexander, 1945, Epiphragma (Epiphragma) | 4.98 |
| serrulatus Alexander, 1929, Molophilus (Molophilus) | 4.150 |
| serrulifera Alexander, 1949, Elephantomyia (Elephantomyia) | 4.95 |
| serrulifera Alexander, 1945, Teucholabis (Teucholabis) | 4.165 |
| serval Alexander, 1937, Tipula (Eumicrotipula) | 4.30 |
| essoris (Alexander), 1953 (Longurio), Leptotarsus (Longurio) .. | 4.13 |
| seticornis Alexander, 1946, Atarba (Isehnotherix) | 4.89 |
| seticornis Macquart, 1846 (Tipula) | 4.44 |
| setilobata Alexander, 1964, Atarba (Atarba) | 4.87 |
| setilobata Alexander, 1949, Neognophomyia | 4.154 |
| setosistylus Alexander, 1952, Molophilus (Molophilus) | 4.150 |
| setosivena Alexander, 1929, Gonomyia (Progonomyia) | 4.142 |
| setulipennis Alexander, 1928, Limonia (Zelandoglochina) | 4.80 |
| setulistyla Alexander, 1938, Elephantomyia (Elephantomyia) | 4.95 |
| severa Alexander, 1943, Ctenolimnophila (Campbellomyia) | 4.93 |
| severus Alexander, 1925, Molophilus (Molophilus) | 4.150 |
| sexcincta Alexander, 1942, Tipula (Microtipula) | 4.38 |
| shannoni (Alexander), 1914 (Rhipidia), Limonia (Rhipidia) | 4.78 |
| shannoniana (Alexander), 1929 (Holorusia), Isehnotoma (Isehn- toma) | 4.10 |
| shannoniana Alexander, 1930, Sigmatomera (Sigmatomera) | 4.157 |
| shannonina Alexander, 1929, Valdiviana | 4.41 |
| shannoninus Alexander, 1947, Molophilus (Molophilus) | 4.151 |
| Shannonomyia Alexander, 1929 | 4.113, 4.114 |
| sibyllina Alexander, 1929, Limonia (Dicranomyia) | 4.58 |
| sica Alexander, 1941, Limonia (Caenoglochina) | 4.48 |
| sicarius Alexander, 1929, Molophilus (Molophilus) | 4.151 |
| Sigmatomera Osten Saeken, 1869 | 4.155, 4.156 |
| sigmoidea Alexander, 1949, Teucholabis (Teucholabis) | 4.165 |
| silvai (Alexander), 1929 (Holorusia), Isehnotoma (Isehnotoma) .. | 4.10 |
| similis Williston, 1900, Brachypremna) | 4.7 |
| simillima (Alexander), 1912 (Furcomyia), Limonia (Dicranomyia) | 4.58 |
| simplex (Walker), 1856 (Ptilogyna), Ozodieera (Ozodieera) | 4.20 |
| simplex Alexander, 1945, Stytingomyia | 4.157 |
| simplex (Wiedemann), 1828 (Limnobia), Teucholabis (Teuchola- bis) | 4.165 |
| simplicicornis Alexander, 1938, Limonia (Rhipidia) | 4.78 |
| simulans concinna (Williston), 1893 (Limnobia), Limonia (Diera- nomyia) | 4.58 |
| singularis Alexander, 1944, Limonia (Caenoglochina) | 4.48 |
| singularis (Schiner), 1868 (Paratropesa), Teucholabis (Paratro- pesa) | 4.159 |
| sinuosa (Alexander), 1926 (Holorusia), Zelandotipula | 4.43 |
| slossonae Alexander, 1914, Gonomyia (Progonomyia) | 4.142 |
| smilodon Alexander, 1940, Tipula (Microtipula) | 4.38 |
| smithi Alexander, 1912, Tipula (Microtipula) | 4.38 |
| smythiana Alexander, 1942, Limonia (Dicranomyia) | 4.58 |
| socialis Alexander, 1949, Gnophomyia | 4.130 |
| solatrix (Osten Sacken), 1859 (Limnophila), Epiphragma (Epi- phragma) | 4.98 |
| somnifica Alexander, 1943, Limonia (Caenoglochina) | 4.48 |



| | |
|--|-------|
| songoana Alexander, 1962, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.30 |
| songoensis (Alexander), 1962 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.43 |
| sopora Alexander, 1944, <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.116 |
| sordipennis Alexander, 1943, <i>Trentepohlia</i> (<i>Neomongoma</i>) | 4.169 |
| sordidipes Alexander, 1943, <i>Cryptolabis</i> (<i>Cryptolabis</i>) | 4.121 |
| sordidipes Alexander, 1962, <i>Elephantomyia</i> (<i>Elephantomyia</i>) | 4.95 |
| sordidipes Alexander, 1938, <i>Polymera</i> (<i>Polymera</i>) | 4.112 |
| sororcula Alexander, 1919, <i>Trentepohlia</i> (<i>Paramongoma</i>) | 4.170 |
| sparsipila Alexander, 1962, <i>Tipula</i> (<i>Microtipula</i>) | 4.38 |
| sparipunctata Alexander, 1940, <i>Shannonomyia</i> (<i>Shannonomyia</i>) .. | 4.116 |
| sparsiseta Alexander, 1945, <i>Neognophomyia</i> | 4.154 |
| sparsispinus Alexander, 1952, <i>Molophilus</i> (<i>Molophilus</i>) | 4.151 |
| sparsissima (Alexander), 1929 (<i>Limnophila</i>), <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.116 |
| sparsituber Alexander, 1962, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.58 |
| spatulata Alexander, 1929, <i>Cryptolabis</i> (<i>Cryptolabis</i>) | 4.122 |
| spatulifera Alexander, 1928, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.30 |
| speciosa (Alexander), 1914 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) | 4.104 |
| speciosa Alexander, 1953, <i>Orimarga</i> (<i>Orimarga</i>) | 4.83 |
| spectralis Alexander, 1944, <i>Neognophomyia</i> | 4.154 |
| sphaerulifera Edwards, 1919, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.23 |
| spica Alexander, 1943, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.165 |
| spicata Alexander, 1921, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.138 |
| spiculistyla Alexander, 1950, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.134 |
| spilophaca Alexander, 1942, <i>Ozodicera</i> (<i>Dihexaclonus</i>) | 4.18 |
| spilota Wiedemann, 1828, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.30 |
| spinibasis Alexander, 1943, <i>Gnophomyia</i> | 4.130 |
| spinicauda Alexander, 1919, <i>Tipula</i> (<i>Microtipula</i>) | 4.38 |
| spinicaudata Alexander, 1937, <i>Austrolimnophila</i> (<i>Austrolimnophila</i>) | 4.91 |
| spinigera Schiner, 1868, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.165 |
| spinistyla Alexander, 1926, <i>Gonomyia</i> (<i>Paralipophleps</i>) | 4.140 |
| spiniterga Alexander, 1948, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.138 |
| spinituber Alexander, 1950, <i>Atarba</i> (<i>Ischnothrix</i>) | 4.89 |
| spinulosa Alexander, 1945, <i>Limnophila</i> (<i>Limnophila</i>) | 4.108 |
| splendida Alexander, 1913, <i>Erioptera</i> (<i>Mesocyphona</i>) | 4.125 |
| splendidula Alexander, 1930, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.58 |
| sponsus Alexander, 1954, <i>Molophilus</i> (<i>Molophilus</i>) | 4.151 |
| sprucei Alexander, 1943, <i>Limonia</i> (<i>Rhipidia</i>) | 4.78 |
| squamigera Alexander, 1929, <i>Maietta</i> | 4.143 |
| stadelmanni Alexander, 1945, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.165 |
| <i>Stegasmonotus</i> Enderlein, 1912 | 4.13 |
| steinbachi Alexander, 1946, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.30 |
| stellata Alexander, 1946, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.134 |
| stenochorema Alexander, 1962, <i>Gnophomyia</i> | 4.130 |
| stenoglossa Alexander, 1942, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.30 |
| stenoleuca Alexander, 1956, <i>Limonia</i> (<i>Geranomyia</i>) | 4.66 |
| stenomera Alexander, 1964, <i>Limonia</i> (<i>Geranomyia</i>) | 4.62 |
| stenophallus Alexander, 1941, <i>Gnophomyia</i> | 4.130 |
| stenophallus Alexander, 1944, <i>Limonia</i> (<i>Geranomyia</i>) | 4.66 |
| stenophallus Alexander, 1937, <i>Toxorhina</i> (<i>Toxorhina</i>) | 4.168 |
| stenoptera Alexander, 1949, <i>Polymera</i> (<i>Polymera</i>) | 4.112 |
| stenopterus Alexander, 1935, <i>Molophilus</i> (<i>Molophilus</i>) | 4.151 |
| stenorhabda Alexander, 1960, <i>Molophilus</i> (<i>Molophilus</i>) | 4.151 |
| stenostyla (Alexander), 1953 (<i>Longurio</i>), <i>Leptotarsus</i> (<i>Longurio</i>) | 4.13 |

| | |
|--|-------|
| sternohirsuta Alexander, 1941, Tipula (Microtipula) | 4.38 |
| sternolobata Alexander, 1958, Austrolimnophila (Austrolimnophila) | 4.91 |
| Stibadocerina Alexander, 1929 | 4.44 |
| <i>stictica</i> (Blanchard), 1852 (Limnobia), Limonia (Dicranomyia) .. | 4.56 |
| <i>stigmatica</i> (Blanchard), 1852 (Limnobia), Limonia (Dicranomyia) .. | 4.58 |
| <i>stigmatica</i> (Philippi), 1865 (Limnophila), Shannonomyia (Shannonomyia) | 4.116 |
| stigmosa Alexander, 1930, Atarba (Atarba) | 4.87 |
| stoica Alexander, 1941, Limonia (Geranomyia) | 4.66 |
| stolida Alexander, 1934, Hexatoma (Eriocera) | 4.104 |
| stonei Alexander, 1938, Limonia (Rhipidia) | 4.78 |
| strangalia (Alexander), 1926 (Holorusia), Zelandotipula | 4.43 |
| striatipennis Alexander, 1928, Gynoplistia (Dirhipis) | 4.98 |
| striatipennis Alexander, 1941, Ozodicera (Ozodicera) | 4.20 |
| strictispina Alexander, 1968, Teucholabis (Teucholabis) | 4.165 |
| strigillis Alexander, 1926, Gonomyia (Neolipophleps) | 4.139 |
| strohmi Alexander, 1945, Ozodicera (Ozodicera) | 4.20 |
| strumosa Alexander, 1942, Teucholabis (Teucholabis) | 4.165 |
| stuardoi Alexander, 1952, Limonia (Dicranomyia) | 4.58 |
| stupens (Walker), 1861 (Limnobia), Gnophomyia | 4.130 |
| stygia (Alexander), 1927 (Erioptera), Cheilotrichia (Empeda) ... | 4.120 |
| stygia Alexander, 1914, Teucholabis (Teucholabis) | 4.165 |
| stygicornis Alexander, 1962, Limonia (Neolimnobia) | 4.70 |
| stygipes (Alexander), 1929 (Gynoplistia), Paralimnophila | 4.110 |
| stylacuta Alexander, 1947, Gnophomyia | 4.131 |
| stylifer Alexander, 1921, Molophilus (Molophilus) | 4.151 |
| stylobtusa Alexander, 1967, Limonia (Geranomyia) | 4.66 |
| <i>Styringia</i> Berendt, 1845 | 4.157 |
| Styringomyia Loew, 1845 | 4.157 |
| styx (Alexander), 1954 (Longurio), Leptotarsus (Longurio) | 4.13 |
| styx Alexander, 1952, Molophilus (Molophilus) | 4.151 |
| suavissima Alexander, 1951, Tipula (Eumicrotipula) | 4.30 |
| subacuminata Alexander, 1967, Limonia (Caenoglochina) | 4.48 |
| subamoena Alexander, 1942, Limonia (Peripheroptera) | 4.73 |
| subandicola Alexander, 1947, Limonia (Dicranomyia) | 4.58 |
| subandina Alexander, 1913, Limonia (Dicranomyia) | 4.58 |
| <i>subandina</i> (Alexander), 1919, Limonia (Peripheroptera) | 4.72 |
| subandina Philippi, 1865, Tipula (Eumicrotipula) | 4.31 |
| subanthracina Alexander, 1949, Teucholabis (Teucholabis) | 4.165 |
| subaperta Alexander, 1945, Atarba (Atarba) | 4.85 |
| subapicalis (Alexander), 1941 (Tanypremna), Leptotarsus (Tanypremnodes) | 4.16 |
| subapicularis Alexander, 1945, Gnophomyia | 4.131 |
| subappendiculata Alexander, 1954, Gonomyia (Gonomyia) | 4.134 |
| subappressus Alexander, 1939, Molophilus (Molophilus) | 4.151 |
| subarcuata Alexander, 1946, Gnophomyia | 4.131 |
| subargentea Alexander, 1948, Teucholabis (Teucholabis) | 4.165 |
| subarmata Alexander, 1914, Tipula (Microtipula) | 4.38 |
| subaymara Alexander, 1962, Tipula (Microtipula) | 4.38 |
| subbrevicula Alexander, 1947, Gonomyia (Gonomyia) | 4.134 |
| subcana Edwards, 1919, Tipula (Eumicrotipula) | 4.31 |
| subcollaris Alexander, 1940, Teucholabis (Paratropesa) | 4.159 |
| subconcinna Alexander, 1940, Orimarga (Diotrepha) | 4.82 |
| subcostalis (Alexander), 1922 (Rhipidia), Limonia (Rhipidia) .. | 4.78 |



| | |
|---|-------|
| subeostata Alexander, 1919, Gonomyia (Progonomyia) | 4.142 |
| subcostata Alexander, 1954, Orimarga (Orimarga) | 4.83 |
| subcynthia Alexander, 1967, Erioptera (Mesocyphona) | 4.125 |
| subdentata Alexander, 1952, Atarba (Atarba) | 4.87 |
| subdola (Alexander), 1913 (Dicranomyia), Limonia (Dicranomyia) | 4.58 |
| subdomita Alexander, 1945, Limonia (Neolimonia) | 4.72 |
| subdulcis Alexander, 1937, Erioptera (Mesocyphona) | 4.125 |
| subeffeta Alexander, 1951, Tipula (Microtipula) | 4.38 |
| subenixa Alexander, 1939, Epiphragma (Epiphragma) | 4.98 |
| subereeta Alexander, 1939, Trentepohlia (Neomongoma) | 4.169 |
| subevanescens Alexander, 1962, Brachypremna | 4.7 |
| subevaneseens Alexander, 1940, Erioptera (Mesocyphona) | 4.124 |
| subexemptus Alexander, 1968, Molophilus (Molophilus) | 4.151 |
| subfalcatus Alexander, 1940, Molophilus (Molophilus) | 4.151 |
| subfalcifera Alexander, 1922, Gonomyia (Neolipophleps) | 4.139 |
| subflavida Alexander, 1929, Limonia (Dicranomyia) | 4.58 |
| subflebilis Alexander, 1949, Gnophomyia | 4.131 |
| subfureifera (Alexander), 1945 (Holorusia), Zelandotipula | 4.43 |
| subfurva Alexander, 1966, Teucholabis (Teucholabis) | 4.165 |
| subfuscata (Alexander), 1921 (Limnophila), Paralimnophila | 4.110 |
| subgalatea Alexander, 1959, Teucholabis (Teucholabis) | 4.165 |
| subgaudens Alexander, 1941, Limonia (Geranomyia) | 4.66 |
| subglabrata Alexander, 1951, Tipula (Eumierotipula) | 4.31 |
| subgracilis Alexander, 1939, Hexatoma (Eriocera) | 4.105 |
| subhistrio Alexander, 1966, Erioptera (Mesocyphona) | 4.125 |
| subhumilis Alexander, 1938, Elephantomyia (Elephantomyia) | 4.95 |
| subhyalina Alexander, 1913, Gnophomyia | 4.131 |
| subinermis Alexander, 1939, Gonomyia (Lipophleps) | 4.138 |
| subinfuscata Williston, 1896, Tipula (Microtipula) | 4.38 |
| subinsignis (Alexander), 1916 (Geranomyia), Limonia (Gerano- myia) | 4.66 |
| subiratus Alexander, 1947, Molophilus (Molophilus) | 4.151 |
| subjoiosa Alexander, 1942, Teucholabis (Teucholabis) | 4.165 |
| sublaevis (Alexander), 1938 (Holorusia), Zelandotipula | 4.43 |
| subleridensis Alexander, 1938, Teucholabis (Teucholabis) | 4.165 |
| subleucoxena Alexander, 1940, Trentepohlia (Paramongoma) | 4.170 |
| sublietor Alexander, 1939, Molophilus (Molophilus) | 4.151 |
| subligulata Alexander, 1941, Tipula (Eumierotipula) | 4.31 |
| sublima (Alexander), 1914 (Eriocera), Hexatoma (Eriocera) | 4.105 |
| sublustralis Alexander, 1966, Gonomyia (Lipophleps) | 4.138 |
| submolesta Alexander, 1930, Teucholabis (Teucholabis) | 4.166 |
| submunda Alexander, 1941, Teucholabis (Teucholabis) | 4.166 |
| submutata Alexander, 1942, Limonia (Dicranomyia) | 4.58 |
| subneglecta Alexander, 1942, Limonia (Rhipidia) | 4.77 |
| subnimbifera Alexander, 1966, Gnophomyia | 4.131 |
| subobliterata Alexander, 1946, Gnophomyia | 4.131 |
| subocellata Alexander, 1964, Hexatoma (Eriocera) | 4.105 |
| subpacifera Alexander, 1942, Austrolimnophila (Austrolimnophila) | 4.91 |
| subparilis Alexander, 1962, Limonia (Geranomyia) | 4.66 |
| subpatens Alexander, 1966, Teucholabis (Teucholabis) | 4.166 |
| subpectinata (Williston), 1896 (Rhipidia), Limonia (Rhipidia) .. | 4.78 |
| subpentheres Alexander, 1943, Limonia (Geranomyia) | 4.66 |
| subprotrusa Alexander, 1968, Orimarga (Diotrepha) | 4.82 |



| | |
|--|-------|
| subpulchella Alexander, 1949, Teucholabis (Teucholabis) | 4.166 |
| subravida (Alexander), 1928 (Dicranomyia), Limonia (Dicranomyia) | 4.58 |
| subrecisa Alexander, 1932, Limonia (Geranomyia) | 4.66 |
| subremota Alexander, 1938, Gonomyia (Gonomyia) | 4.134 |
| subreticulata Alexander, 1943, Limonia (Dicranomyia) | 4.58 |
| subrubriceps Alexander, 1945, Teucholabis (Teucholabis) | 4.166 |
| subsaga Alexander, 1941, Hexatoma (Eriocera) | 4.105 |
| subsagax Alexander, 1939, Molophilus (Molophilus) | 4.151 |
| subsaturata Alexander, 1942, Gonomyia (Progonomyia) | 4.142 |
| subscimitar Alexander, 1945, Gonomyia (Lipophleps) | 4.138 |
| subserotina (Alexander), 1921 (Geranomyia), Limonia (Geranomyia) | 4.66 |
| subsimilis Alexander, 1921, Brachypremna | 4.7 |
| subsolatrix Alexander, 1939, Epiphragma (Epiphragma) | 4.98 |
| subspcciosa Alexander, 1962, Orimarga (Orimarga) | 4.83 |
| substolida Alexander, 1939, Hexatoma (Eriocera) | 4.105 |
| substylifer Alexander, 1929, Molophilus (Molophilus) | 4.151 |
| subsuperba Alexander, 1926, Polymera (Polymera) | 4.112 |
| subtarda (Alexander), 1935 (Holorusia), Zelandotipula | 4.43 |
| subtartarus Alexander, 1946, Orimarga (Orimarga) | 4.83 |
| subtecta Alexander, 1964, Tipula (Microtipula) | 4.33 |
| subtenebricosus Alexander, 1931, Molophilus (Molophilus) | 4.151 |
| subterminalis Alexander, 1966, Aphrophila | 4.118 |
| subterminalis Alexander, 1927, Gonomyia (Lipophleps) | 4.138 |
| subterminalis (Alexander), 1921 (Rhipidia), Limonia (Rhipidia) | 4.78 |
| subtribulator Alexander, 1943, Gonomyia (Lipophleps) | 4.138 |
| subtroilus Alexander, 1966, Gonomyia (Lipophleps) | 4.138 |
| subunicolor Alexander, 1948, Gonomyia (Gonomyia) | 4.134 |
| subuniformis Alexander, 1945, Brachypremna | 4.7 |
| subvafra Alexander, 1962, Limonia (Rhipidia) | 4.78 |
| subvictor Alexander, 1948, Austrolimnophila (Limnophilella) | 4.92 |
| subvirescens Alexander, 1930, Limonia (Geranomyia) | 4.66 |
| subvirgo Alexander, 1951, Tipula (Yamatotipula) | 4.40 |
| subvittata Alexander, 1938, Ozodicera (Ozodicera) | 4.20 |
| succentiva Alexander, 1941, Limonia (Rhipidia) | 4.78 |
| suffuscipes Alexander, 1947, Trentepohlia (Paramongoma) | 4.170 |
| sulphurellus (Alexander), 1938 (Tanypremna) Leptotarsus (Limoniodes) | 4.11 |
| sultana Alexander, 1938, Teucholabis (Teucholabis) | 4.166 |
| sumptuosa Alexander, 1942, Limonia (Geranomyia) | 4.66 |
| superarmata Alexander, 1942, Limonia (Rhipidia) | 4.79 |
| superarmata Alexander, 1942, Ozodicera (Dihexaclonus) | 4.18 |
| superba Alexander, 1913, Polymera (Polymera) | 4.112 |
| supernumeraria Alexander, 1921, Elephantomyia (Elephantomyia) | 4.95 |
| superstes Alexander, 1942, Toxorhina (Ceratocheilus) | 4.167 |
| supplementa Alexander, 1945, Pseudolimnophila | 4.113 |
| supplicata Alexander, 1943, Atarba (Ischnothrix) | 4.89 |
| surinamensis Alexander, 1947, Erioptera (Mesocyphona) | 4.125 |
| surinamica Alexander, 1946, Limonia (Rhipidia) | 4.79 |
| susurra Alexander, 1945, Erioptera (Erioptera) | 4.123 |
| suрина (Alexander), 1941 (Erioptera), Cheilotrichia (Empeda) .. | 4.120 |
| sybarita Alexander, 1945, Limonia (Rhipidia) | 4.79 |
| sybaritica Alexander, 1947, Epiphragma (Epiphragma) | 4.98 |



| | |
|--|-------|
| sycopnanta Alexander, 1945, Limonia (Rhipidia) | 4.79 |
| sylvania Alexander, 1939, Limonia (Geranomyia) | 4.66 |
| Symplecta Meigen, 1830 | 4.126 |
| synchroa Alexander, 1929, Gonomyia (Progonomyia) | 4.142 |
| synelera Alexander, 1928, Rhabdomastix (Sacandaga) | 4.155 |
| syndactyla Alexander, 1942, Orimarga (Diotrepha) | 4.82 |
| synempora Alexander, 1929, Valdiviana | 4.41 |
| tabescens (Enderlein), 1912 (Rhipidia), Limonia (Rhipidia) | 4.79 |
| tabida (Enderlein), 1912 (Tipula) | 4.44 |
| taciturna Alexander, 1945, Cryptolabis (Cryptolabis) | 4.122 |
| tactilis Alexander, 1952, Teucholabis (Teucholabis) | 4.166 |
| taenioptera (Wiedemann), 1828 (Limnobia), Hexatoma (Eriocera) | 4.105 |
| tafiensis Alexander, 1962, Gonomyia (Lipophleps) | 4.138 |
| talno Alexander, 1964, Teucholabis (Teucholabis) | 4.166 |
| talamancana Alexander, 1939, Teucholabis (Teucholabis) | 4.166 |
| talamancensis Alexander, 1947, Molophilus (Molophilus) | 4.151 |
| tancitaro Alexander, 1946, Tipula (Microtipula) | 4.38 |
| tantilla Alexander, 1916, Erioptera (Mesocyphona) | 4.124 |
| tantilla Alexander, 1938, Rhabdomastix (Rhabdomastix) | 4.155 |
| tanymetra Alexander, 1962, Tipula (Eumierotipula) | 4.31 |
| Tanypremna Osten Sacken, 1886 | 4.13 |
| Tanypremnella Alexander, 1938 | 4.15 |
| Tanypremnodes Alexander, 1924 | 4.16 |
| tarda (Alexander), 1935 (Holorusia), Zelandotipula | 4.43 |
| tarmae Alexander, 1943, Atarba (Atarba) | 4.87 |
| tarsalba Alexander, 1928, Elephantomyia (Elephantomyia) | 4.95 |
| tartarus Alexander, 1946, Orimarga (Orimarga) | 4.83 |
| tartarus Alexander, 1949, Teucholabis (Teucholabis) | 4.166 |
| Tasiocera Skuse, 1890 | 4.157 |
| tasioceroide Alexander, 1948, Polymera (Polymerodes) | 4.113 |
| tatei Alexander, 1929, Atarba (Atarba) | 4.87 |
| tatei Alexander, 1931, Limonia (Geranomyia) | 4.66 |
| tau Alexander, 1944, Tipula (Eumierotipula) | 4.26 |
| taurus Alexander, 1914, Molophilus (Molophilus) | 4.151 |
| tecta Alexander, 1926, Tipula (Microtipula) | 4.33 |
| tehuelehe Alexander, 1929, Limonia (Zelandoglochina) | 4.81 |
| tehuelche Alexander, 1968, Molophilus (Molophilus) | 4.151 |
| tehuelehe Alexander, 1920, Tipula (Eumierotipula) | 4.31 |
| teinoterga Alexander, 1967, Limonia (Dicranomyia) | 4.58 |
| teleneura Alexander, 1944, Gnophomyia | 4.131 |
| taurus Alexander, 1914, Molophilus (Molophilus) | 4.151 |
| temperata Alexander, 1940, Tipula (Microtipula) | 4.38 |
| tempestiva (Alexander), 1943 (Gnophomyia), Eugnophomyia | 4.127 |
| tenebricosus Alexander, 1916, Molophilus (Molophilus) | 4.151 |
| tenebrosa (Walker), 1856 (Limnobia), Hexatoma (Eriocera) | 4.105 |
| tenella (Philippi), 1865 (Polymoria) | 4.117 |
| tentator Alexander, 1947, Molophilus (Trichomolophilus) | 4.152 |
| tenuicincta Alexander, 1921, Cryptolabis (Cryptolabis) | 4.122 |
| tenuicula Enderlein, 1912, Tipula (Microtipula) | 4.38 |
| tenuilobata Alexander, 1942, Austrolimnophila (Austrolimnophila) | 4.91 |
| tenuilobata Alexander, 1940, Tipula (Microtipula) | 4.38 |
| tenuipalpis Alexander, 1928, Limonia (Zelandoglochina) | 4.81 |
| tenuipes (Say), 1823 (Limnobia), Palaria | 4.110 |
| tenuis (Wulp), 1885 (Tipula), Megistocera | 4.16 |
| tenuissima (Alexander), 1929 (Ischnothrix), Atarba (Ischnothrix) | 4.89 |



| | |
|---|-------|
| tenuissima Alexander, 1944, <i>Elephantomyia</i> (<i>Elephantomyia</i>) | 4.95 |
| tephronota Alexander, 1942, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.31 |
| tergata (Alexander), 1926 (<i>Rhaphidolabis</i>), <i>Dicranota</i> (<i>Plectromyia</i>) | 4.84 |
| tergifera Alexander, 1953, <i>Austrolimnophila</i> (<i>Austrolimnophila</i>) .. | 4.91 |
| tergofimbriata Alexander, 1928, <i>Gonomyia</i> (<i>Lipohleps</i>) | 4.138 |
| tergospinosus Alexander, 1966, <i>Molophilus</i> (<i>Molophilus</i>) | 4.151 |
| ternarius Alexander, 1929, <i>Molophilus</i> (<i>Molophilus</i>) | 4.152 |
| terpischore Alexander, 1951, <i>Tipula</i> (<i>Microtipula</i>) | 4.39 |
| terribilis Alexander, 1944, <i>Tipula</i> (<i>Microtipula</i>) | 4.39 |
| terrifica Alexander, 1942, <i>Ozodicera</i> (<i>Dihexaclonus</i>) | 4.18 |
| tersa Alexander, 1949, <i>Gonomyia</i> (<i>Lipohleps</i>) | 4.138 |
| tersa Alexander, 1928, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.31 |
| tersoides Alexander, 1945, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.31 |
| tesselata Alexander, 1943, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.142 |
| <i>testacea</i> (Philippi), 1865 (<i>Plettusa</i>), <i>Limonia</i> (<i>Geranomyia</i>) | 4.67 |
| tethys Alexander, 1949, <i>Trentepohlia</i> (<i>Paramongoma</i>) | 4.170 |
| tetracaena Alexander, 1966, <i>Gnophomyia</i> | 4.131 |
| tetracantha Alexander, 1945, <i>Atarba</i> (<i>Atarba</i>) | 4.87 |
| tetracanthus Alexander, 1929, <i>Molophilus</i> (<i>Molophilus</i>) | 4.152 |
| tetracradus Alexander, 1967, <i>Hellus</i> | 4.47 |
| tetraleuca Alexander, 1937, <i>Limonia</i> (<i>Rhipidia</i>) | 4.79 |
| <i>Teucholabis</i> Osten Sacken, 1859 | 4.157 |
| <i>teucholaboides</i> (Alexander), 1913 (<i>Peripheroptera</i>), <i>Limonia</i> (<i>Peripheroptera</i>) | 4.73 |
| <i>textrina</i> Alexander, 1967, <i>Limonia</i> (<i>Neolimnobia</i>) | 4.70 |
| <i>thalia</i> Alexander, 1945, <i>Erioptera</i> (<i>Mesocyphona</i>) | 4.125 |
| <i>thalia</i> Alexander, 1945, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.31 |
| <i>Thambeta</i> Williston, 1896 | 4.81 |
| <i>thamia</i> Alexander, 1950, <i>Atarba</i> (<i>Atarba</i>) | 4.86 |
| <i>thamyris</i> Alexander, 1950, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.58 |
| <i>thaumasta</i> Alexander, 1953, <i>Ozodicera</i> (<i>Ozodicera</i>) | 4.20 |
| <i>thaumastopodus</i> Alexander, 1913, <i>Molophilus</i> (<i>Molophilus</i>) | 4.143 |
| <i>theobromina</i> Edwards, 1919, <i>Tipula</i> (<i>Bellardina</i>) | 4.21 |
| <i>theresia</i> Alexander, 1945, <i>Limnophila</i> (<i>Limnophila</i>) | 4.108 |
| <i>thioptera</i> Alexander, 1941, <i>Limonia</i> (<i>Peripheroptera</i>) | 4.73 |
| <i>thiosema</i> Alexander, 1921, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.142 |
| <i>thixis</i> Alexander, 1967, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.58 |
| <i>tholopa</i> (Alexander), 1931 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) | 4.105 |
| <i>thoracica</i> Alexander, 1913, <i>Polymera</i> (<i>Polymera</i>) | 4.112 |
| <i>thyestes</i> Alexander, 1953, <i>Brachypremna</i> | 4.7 |
| <i>thysbe</i> Alexander, 1942, <i>Limonia</i> (<i>Rhipidia</i>) | 4.79 |
| <i>tibialis</i> (Loew), 1851 (<i>Aporosa</i>), <i>Limonia</i> (<i>Geranomyia</i>) | 4.66 |
| <i>tibialis</i> Alexander, 1922, <i>Polymera</i> (<i>Polymera</i>) | 4.112 |
| <i>tigriventris</i> Alexander, 1942, <i>Elephantomyia</i> (<i>Elephantomyia</i>) .. | 4.95 |
| <i>tijucanus</i> (Alexander), 1943 (<i>Macromastix</i>), <i>Leptotarsus</i> (<i>Longurio</i>) | 4.13 |
| <i>tijucensis</i> Alexander, 1943, <i>Tipula</i> (<i>Microtipula</i>) | 4.39 |
| <i>timens</i> Alexander, 1950, <i>Limonia</i> (<i>Geranomyia</i>) | 4.67 |
| <i>tinguana</i> Alexander, 1943, <i>Orimarga</i> (<i>Orimarga</i>) | 4.83 |
| <i>Tipula</i> Linnaeus, 1758 | 4.20 |
| <i>Tipulinac</i> | 4.5 |
| <i>tiresias</i> Alexander, 1949, <i>Gnophomyia</i> | 4.131 |
| <i>tiresias</i> Alexander, 1950, <i>Limonia</i> (<i>Rhipidia</i>) | 4.79 |
| <i>titan</i> Alexander, 1928, <i>Molophilus</i> (<i>Molophilus</i>) | 4.152 |



| | |
|--|-------|
| titicacae (Alexander), 1944 (Pectinotipula), Tipula (Pectinotipula) | 4.39 |
| titicacana Alexander, 1945, Limonia (Dicranomyia) | 4.58 |
| toleranda Alexander, 1954, Gnophomyia | 4.131 |
| tolimensis Alexander, 1941, Tipula (Eumicrotipula) | 4.30 |
| Tonnoiromyia Alexander, 1926 | 4.83 |
| topoensis Alexander, 1952, Gonomyia (Ncolipophleps) | 4.139 |
| topoensis Alexander, 1951, Tipula (Microtipula) | 4.39 |
| torrida Alexander, 1932, Limonia (Dicranomyia) | 4.51 |
| torticornis Alexander, 1928, Limonia (Zelandoglochina) | 4.81 |
| tortilis Alexander, 1968, Paralimnophila | 4.110 |
| torulosa Alexander, 1968, Limonia (Dicranomyia) | 4.59 |
| tovarensis Alexander, 1944, Limonia (Rhipidia) | 4.74 |
| tovarensis Alexander, 1947, Tipula (Eumicrotipula) | 4.31 |
| townsendi (Alexander), 1914 (Eriocera), Hexatoma (Eriocera) | 4.105 |
| townsendi (Alexander), 1916 (Geranomyia), Limonia (Geranomyia) | 4.67 |
| Toxorhina Loew, 1850 | 4.166 |
| <i>Toxorhina</i> , emend. | 4.166 |
| tragica Alexander, 1946, Limonia (Dicranomyia) | 4.59 |
| tranquilla (Alexander), 1922 (Eriocera), Hexatoma (Eriocera) | 4.105 |
| transfasciatus (Alexander), 1938 (Tanyptremna), Leptotarsus (Tanyptremnella) | 4.16 |
| transitoria Alexander, 1941, Limonia (Geranomyia) | 4.67 |
| translucida (Alexander), 1912 (Furcomyia), Limonia (Caenolimonia) | 4.49 |
| transversa Alexander, 1949, Gnophomyia | 4.131 |
| travassosanus (Alexander), 1942 (Macromastix), Leptotarsus (Longurio) | 4.13 |
| travassosi Alexander, 1945, Cryptolabis (Cryptolabis) | 4.122 |
| travassosi Alexander, 1943, Orimarga (Diotrepha) | 4.82 |
| tremula Alexander, 1929, Austrolimnophila (Austrolimnophila) | 4.91 |
| Trentepohlia Bigot, 1854 | 4.168 |
| triaculcata Alexander, 1938, Gonomyia (Gonomyia) | 4.134 |
| trialbocincta Alexander, 1941, Limonia (Neoglochina) | 4.69 |
| trialbosignata Alexander, 1941, Hexatoma (Eriocera) | 4.105 |
| triangularis Alexander, 1945, Brachyptremna | 4.6 |
| triangularis Alexander, 1945, Erioptera (Mesocyphona) | 4.125 |
| triangularis (Alexander), 1927 (Pilaria), Shannonomyia (Shannonomyia) | 4.117 |
| triangulifera (Alexander), 1921 (Psaronius), Lecteria (Psaronius) | 4.106 |
| triatra (Alexander), 1962 (Holorusia), Zelandotipula | 4.43 |
| triatrata Alexander, 1968, Gnophomyia | 4.131 |
| tribulator Alexander, 1942, Gonomyia (Lipophleps) | 4.138 |
| triceps Alexander, 1947, Gnophomyia | 4.131 |
| tricepoides Alexander, 1966, Gnophomyia | 4.131 |
| trichomera Alexander, 1939, Limonia (Geranomyia) | 4.67 |
| Trichomolophilus Alexander, 1936 | 4.152 |
| trichoneura (Alexander), 1962 (Holorusia), Zelandotipula | 4.43 |
| trichoprocta Alexander, 1945, Tipula (Microtipula) | 4.39 |
| <i>trichopus</i> (Philippi), 1865 (Limnophila), Erioptera (Trimicra) | 4.126 |
| Trichotipula Alexander, 1915 | 4.40 |
| tricincta (Alexander), 1913 (Dicranomyia), Limonia (Neolimnobia) | 4.70 |
| tricornis Alexander, 1949, Gnophomyia | 4.131 |
| <i>tricornis</i> (Alexander), 1925 (Dicranomyia), Limonia (Dicranomyia) | 4.52 |



| | |
|--|-------|
| Tricyphona Zetterstedt, 1837 | 4.84 |
| tridens Alexander, 1952, Molophilus (Molophilus) | 4.152 |
| tridentata (Alexander), 1925 (Erioptera), Cheilotrichia (Empeda) | 4.120 |
| tridenticulata Alexander, 1967, Cryptolabis (Cryptolabis) | 4.122 |
| tridigitata Alexander, 1943, Limonia (Rhipidia) | 4.79 |
| tridigitatus Alexander, 1947, Molophilus (Molophilus) | 4.152 |
| triemarginata Alexander, 1935, Tipula (Eumicrotipula) | 4.31 |
| trifasciata (Röder), 1885 (Eriocera), Hexatoma (Eriocera) | 4.105 |
| trifasciata Enderlein, 1912, Teucholabis (Teucholabis) | 4.166 |
| trifibra Alexander, 1954, Molophilus (Molophilus) | 4.152 |
| triguttata Alexander, 1921, Ozodicera (Dihexaclonus) | 4.18 |
| trihastata Alexander, 1945, Tipula (Microtipula) | 4.39 |
| trilobata Alexander, 1938, Toxorhina (Toxorhina) | 4.168 |
| trilobifera Alexander, 1967, Limonia (Dicranomyia) | 4.59 |
| trimaculata Macquart, 1838, (Tipula) | 4.44 |
| trimedia Alexander, 1966, Maletta | 4.143 |
| trimelania Alexander, 1942, Limonia (Peripheroptera) | 4.74 |
| Trimicra Osten Sacken, 1861 | 4.126 |
| trina Wiedemann, 1824, (Tipula) | 4.44 |
| trinidadensis (Alexander), 1912 (Pachyrhina), Tipula (Microtipula) | 4.39 |
| trinigrina Alexander, 1940, Limonia (Peripheroptera) | 4.74 |
| trinitatis Alexander, 1931, Limonia (Dicranomyia) | 4.59 |
| trinitatis Alexander, 1927, Neognophomyia | 4.154 |
| trinitatis Alexander, 1941, Tipula (Microtipula) | 4.39 |
| trionyx Alexander, 1949, Gonomyia (Lipophleps) | 4.138 |
| tripallens Alexander, 1942, Ozodicera (Dihexaclonus) | 4.18 |
| triparcus Alexander, 1944, Molophilus (Molophilus) | 4.152 |
| tripectinata Alexander, 1931, Limonia (Rhipidia) | 4.79 |
| Triplicitipula Alexander, 1965 | 4.40 |
| trisetigera Alexander, 1949, Gnophomyia | 4.131 |
| trispilota Alexander, 1942, Tipula (Eumicrotipula) | 4.31 |
| trispinifer Alexander, 1940, Ozodicera (Ozodicera) | 4.20 |
| trispinigera Alexander, 1945, Orimarga (Orimarga) | 4.83 |
| trispinosa Alexander, 1921, Gonomyia (Neolipophleps) | 4.139 |
| tristella Alexander, 1929, Limonia (Geranomyia) | 4.67 |
| tristillata Alexander, 1929, Gynoplistia (Gynoplistia) | 4.99 |
| tristillata Alexander, 1929, Tipula (Eumicrotipula) | 4.31 |
| tristis (Loew), 1851 (Aporosa), Limonia (Geranomyia) | 4.67 |
| tristis Alexander, 1913, Teucholabis (Teucholabis) | 4.166 |
| trituberculata Alexander, 1929, Limonia (Dicranomyia) | 4.59 |
| Trochobola Osten Sacken, 1869 | 4.59 |
| trogodyta Edwards, 1918, Erioptera (Mesocyphona) | 4.125 |
| troglophila Alexander, 1929, Limonia (Dicranomyia) | 4.59 |
| troilus Alexander, 1949, Gonomyia (Lipophleps) | 4.138 |
| tropicalis Alexander, 1913, Cryptolabis (Cryptolabis) | 4.122 |
| trunculata (Alexander), 1962 (Holorusia), Ischnotoma (Ischnotoma) | 4.9 |
| tuber Alexander, 1944, Gnophomyia | 4.131 |
| tuber (Alexander), 1953 (Limnophila), Shannonomyia (Shannonomyia) | 4.117 |
| tuberculata Alexander, 1925, Gonomyia (Gonomyia) | 4.133 |
| tuberculifera Alexander, 1943, Atarba (Atarba) | 4.87 |
| tuberculifera (Alexander), 1953 (Holorusia), Zelandotipula | 4.43 |
| tucumana (Alexander), 1946 (Pectinotipula), Tipula (Pectinotipula) | 4.39 |



| | |
|---|-------|
| tucumana Alexander, 1936, Trentepohlia (Paramongoma) | 4.170 |
| tucumanensis Alexander, 1945, Tipula (Microtipula) | 4.39 |
| tucumanus Alexander, 1929, Molophilus (Molophilus) | 4.152 |
| tullochi Alexander, 1945, Teucholabis (Teucholabis) | 4.166 |
| tulumayoensis Alexander, 1944, Limonia (Geranomyia) | 4.67 |
| tumidibasis Alexander, 1938, Limonia (Geranomyia) | 4.67 |
| tungurahuana Alexander, 1945, Gnophomyia | 4.131 |
| tunguraguana Alexander, 1940, Tipula (Eumicrotipula) | 4.31 |
| tunguraguensis Alexander, 1940, Austrolimnophila (Austrolimnophila) | 4.91 |
| tungurahuensis Alexander, 1945, Atarba (Atarba) | 4.88 |
| turbida (Alexander), 1928 (Geranomyia), Limonia (Geranomyia) | 4.67 |
| turrialbae Alexander, 1945, Erioptera (Mecocyphona) | 4.125 |
| turrialbensis Alexander, 1945, Teucholabis (Teucholabis) | 4.166 |
| turrifera Alexander, 1931, Limonia (Rhipidia) | 4.75 |
| turritella Alexander, 1943, Limonia (Rhipidia) | 4.79 |
| tyranna Alexander, 1946, Tipula (Eumicrotipula) | 4.31 |
| uberis Alexander, 1939, Limonia (Geranomyia) | 4.67 |
| umbra Alexander, 1948, Shannonomyia (Shannonomyia) | 4.117 |
| umbrata (Meijere), 1911 (Dicranomyia), Limonia (Atypophthalmus) | 4.47 |
| umbricolor Alexander, 1937, Limonia (Geranomyia) | 4.67 |
| umbrifera Alexander, 1937, Ozodicera (Dihexaelonus) | 4.18 |
| umbrosa Alexander, 1938, Cryptolabis (Cryptolabis) | 4.122 |
| undulata Bellardi, 1861, Limnophila (Limnophila) | 4.108 |
| uniatra (Alexander), 1945 (Holorusia), Zelandotipula | 4.43 |
| unicineta Alexander, 1962, Elephantomyia (Elephantomyia) | 4.95 |
| unicingulata Alexander, 1944, Teucholabis (Teucholabis) | 4.166 |
| unicolor Osten Sacken, 1887, Brachypremna | 4.7 |
| unicolor Alexander, 1913, Gonomyia (Gonomyia) | 4.134 |
| unidentata (Alexander), 1925 (Erioptera), Cheilotrichia (Empeda) | 4.120 |
| uniformis Alexander, 1920, Brachypremna | 4.7 |
| uniformis (Alexander), 1914 (Rhamphidia), Helius | 4.47 |
| uniformis (Blanchard), 1852 (Erioptera), Molophilus (Molophilus) | 4.152 |
| uniguttatus (Alexander), 1953 (Longurio), Leptotarsus (Tany-premna) | 4.15 |
| unilateralis Alexander, 1931, Atarba (Atarba) | 4.88 |
| unipectinata (Williston), 1896 (Rhipidia), Limonia (Rhipidia) .. | 4.79 |
| unipuncta Alexander, 1944, Rhabdomastix (Rhabdomastix) | 4.155 |
| unipunctata Alexander, 1921, Polymera (Polymera) | 4.112 |
| unispinifera Alexander, 1938, Limonia (Geranomyia) | 4.67 |
| unistriata Alexander, 1941, Tipula (Eumicrotipula) | 4.31 |
| urania Alexander, 1944, Erioptera (Erioptera) | 4.123 |
| urophora Alexander, 1938, Tipula (Microtipula) | 4.39 |
| ursula Alexander, 1951, Tipula (Eumicrotipula) | 4.31 |
| usta (Osten Sacken), 1886 (Pachyrrhina), Nephrotoma | 4.17 |
| uxor Alexander, 1942, Limonia (Rhipidia) | 4.79 |
| uxoria Alexander, 1946, Tipula (Trichotipula) | 4.40 |
| vafra Alexander, 1941, Limonia (Rhipidia) | 4.79 |
| valdiviana Philippi, 1865, Tipula (Eumicrotipula) | 4.31 |
| Valdiviana Alexander, 1929 | 4.41 |
| valida (Loew), 1851 (Aporosa), Limonia (Geranomyia) | 4.67 |



| | |
|--|-------|
| vallicola Alexander, 1947, <i>Cryptolabis</i> (<i>Cryptolabis</i>) | 4.122 |
| vana Alexander, 1929, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.57 |
| vanderwulpi (Alexander), 1912 (<i>Tipula</i>), <i>Zelandotipula</i> | 4.42 |
| varia (Wiedemann), 1828 (<i>Limnobia</i>), <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.98 |
| variata Alexander, 1931, <i>Gynoplistia</i> (<i>Gynoplistia</i>) | 4.99 |
| variatus Alexander, 1952, <i>Molophilus</i> (<i>Molophilus</i>) | 4.152 |
| varicornis Alexander, 1913, <i>Atarba</i> (<i>Atarba</i>) | 4.88 |
| varicornis Alexander, 1936, <i>Sigmatomera</i> (<i>Sigmatomera</i>) | 4.157 |
| variegata Alexander, 1937, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.105 |
| variegata (Walker), 1836 (<i>Geranomyia</i>), <i>Limonia</i> (<i>Geranomyia</i>) . | 4.67 |
| variicalcarata Alexander, 1929, <i>Gynoplistia</i> (<i>Gynoplistia</i>) | 4.99 |
| variicosta Alexander, 1934, <i>Limonia</i> (<i>Rhipidia</i>) | 4.79 |
| variispina Alexander, 1938, <i>Atarba</i> (<i>Atarba</i>) | 4.88 |
| variitibia Alexander, 1936, <i>Brachypremna</i> | 4.7 |
| varineura (Bigot), 1888 (<i>Nephrotoma</i>), <i>Tipula</i> (<i>Eumicrotipula</i>) .. | 4.31 |
| varipes Alexander, 1939, <i>Cryptolabis</i> (<i>Cryptolabis</i>) | 4.122 |
| varipes Alexander, 1929, <i>Gynoplistia</i> (<i>Gynoplistia</i>) | 4.99 |
| varitarsis Alexander, 1929, <i>Austrolimnophila</i> (<i>Austrolimnophila</i>) . | 4.91 |
| vehemens Alexander, 1949, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.138 |
| velasteguii Alexander, 1938, <i>Limonia</i> (<i>Neolimonia</i>) | 4.72 |
| velutina Alexander, 1916, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.142 |
| venatrix Alexander, 1952, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.59 |
| venavitta Alexander, 1940, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.105 |
| veneris Alexander, 1952, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.59 |
| venezolanus Alexander, 1950, <i>Prothelius</i> | 4.83 |
| venezuelensis (Alexander), 1944 (<i>Pselliophora</i>), <i>Ctenophora</i> (<i>Psel-</i> <i>liophora</i>) | 4.7 |
| venezuelensis (Macquart), 1846 (<i>Limnobia</i>), <i>Teucholabis</i> (<i>Teuchola-</i> <i>bis</i>) | 4.166 |
| venezuolana Alexander, 1950, <i>Paradelphomyia</i> (<i>Oxyrhiza</i>) | 4.110 |
| venosa (Philippi), 1865 (<i>Limnophila</i>) | 4.117 |
| venustior Alexander, 1950, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.59 |
| venustipes Alexander, 1926, <i>Erioptera</i> (<i>Mesocyphona</i>) | 4.125 |
| verecunda (Philippi), 1865 (<i>Limnophila</i>) | 4.117 |
| vernalis (Philippi), 1865 (<i>Limnobia</i>), <i>Limonia</i> (<i>Dicranomyia</i>) .. | 4.59 |
| versuta Alexander, 1930, <i>Limonia</i> (<i>Geranomyia</i>) | 4.67 |
| verticillata Alexander, 1948, <i>Polymera</i> (<i>Polymera</i>) | 4.113 |
| vicina (Alexander), 1916 (<i>Rhipidia</i>), <i>Limonia</i> (<i>Rhipidia</i>) | 4.76 |
| victor (Alexander), 1919 (<i>Limnophila</i>), <i>Austrolimnophila</i> (<i>Limno-</i> <i>philella</i>) | 4.92 |
| vilis Alexander, 1931, <i>Gnophomyia</i> | 4.131 |
| villaricae Alexander, 1929, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.59 |
| villaricensis Alexander, 1929, <i>Limonia</i> (<i>Geranomyia</i>) | 4.67 |
| vindex Alexander, 1941, <i>Gonomyia</i> (<i>Lipophleps</i>) | 4.139 |
| vindicta Alexander, 1943, <i>Limonia</i> (<i>Geranomyia</i>) | 4.67 |
| violaceipennis Alexander, 1937, <i>Toxorhina</i> (<i>Toxorhina</i>) | 4.168 |
| virescens (Loew), 1851 (<i>Aporosa</i>), <i>Limonia</i> (<i>Geranomyia</i>) | 4.68 |
| virescens (Philippi), 1865 (<i>Plettusa</i>), <i>Limonia</i> (<i>Geranomyia</i>) | 4.67 |
| virgilia Alexander, 1951, <i>Tipula</i> (<i>Microtipula</i>) | 4.39 |
| virgo Osten Sacken, 1886, <i>Tipula</i> (<i>Yamatotipula</i>) | 4.40 |
| virgulata Williston, 1900, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.31 |
| virgulativentris (Enderlein), 1912 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) | 4.105 |
| viridella Alexander, 1930, <i>Limonia</i> (<i>Geranomyia</i>) | 4.68 |



| | |
|--|-------|
| <i>viridincervis</i> Alexander, 1934, <i>Aphrophila</i> | 4.118 |
| <i>viridula</i> Alexander, 1930, <i>Limonia</i> (<i>Geranomyia</i>) | 4.64 |
| <i>virilis</i> (Alexander), 1916 (<i>Dicranomyia</i>), <i>Limonia</i> (<i>Dicranomyia</i>) | 4.59 |
| <i>vitripennis</i> Alexander, 1942, <i>Gnophomyia</i> | 4.131 |
| <i>vittigera</i> (Philippi), 1865 (<i>Tipula</i>), <i>Ischnotoma</i> (<i>Ischnotoma</i>) | 4.10 |
| <i>vittinervis</i> Alexander, 1937, <i>Dolichopeza</i> (<i>Megistomastix</i>) | 4.8 |
| <i>vittinervis</i> Alexander, 1936, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.105 |
| <i>vivasberthieri</i> Alexander, 1938, <i>Austrolimnophila</i> (<i>Austrolimnophila</i>) | 4.92 |
| <i>vivasberthieri</i> (Alexander), 1944 (<i>Gnophomyia</i>), <i>Eugnophomyia</i> .. | 4.127 |
| <i>vivasberthieri</i> Alexander, 1940, <i>Limonia</i> (<i>Peripheroptera</i>) | 4.74 |
| <i>vivida</i> (Alexander), 1941 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.43 |
| <i>vocator</i> Alexander, 1944, <i>Shannonomyia</i> (<i>Shannonomyia</i>) | 4.117 |
| <i>volens</i> Alexander, 1944, <i>Tipula</i> (<i>Microtipula</i>) | 4.39 |
| <i>volentis</i> Alexander, 1952, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.166 |
| <i>voracis</i> Alexander, 1948, <i>Atarba</i> (<i>Ischnothrix</i>) | 4.89 |
| <i>vorax</i> Alexander, 1941, <i>Limonia</i> (<i>Caenoglochina</i>) | 4.48 |
| <i>votiva</i> Alexander, 1944, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.31 |
| <i>vulpes</i> (Alexander), 1945 (<i>Holorusia</i>), <i>Zelandotipula</i> | 4.43 |
| <i>vulsa</i> Alexander, 1952, <i>Toxorhina</i> (<i>Ceratocheilus</i>) | 4.167 |
| <i>vultuosa</i> Alexander, 1946, <i>Tipula</i> (<i>Trichotipula</i>) | 4.40 |
| <i>walkeri</i> Alexander, 1930, <i>Limonia</i> (<i>Geranomyia</i>) | 4.68 |
| <i>walkeri</i> Alexander, 1931, <i>Molophilus</i> (<i>Molophilus</i>) | 4.152 |
| <i>weberi</i> Alexander, 1951, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.105 |
| <i>weiseri</i> Alexander, 1920, <i>Gonomyia</i> (<i>Progonomyia</i>) | 4.142 |
| <i>weiscricana</i> Alexander, 1929, <i>Limonia</i> (<i>Dicranomyia</i>) | 4.59 |
| <i>westwoodi</i> Brunetti, 1920, <i>Toxorhina</i> (<i>Toxorhina</i>) | 4.168 |
| <i>westwoodi antillarum</i> Alexander, 1932, <i>Elephantomyia</i> (<i>Elephantomyia</i>) | 4.95 |
| <i>wetmorcana</i> Alexander, 1947, <i>Tipula</i> (<i>Bellardina</i>) | 4.21 |
| <i>whitei</i> Alexander, 1930, <i>Erioptera</i> (<i>Mesocyphona</i>) | 4.125 |
| <i>wiedemanni</i> Alexander, 1933, <i>Hexatoma</i> (<i>Eriocera</i>) | 4.105 |
| <i>willistoni</i> (Alexander), 1913 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) .. | 4.105 |
| <i>wighti</i> Alexander, 1939, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.166 |
| <i>wilhelminae</i> Alexander, 1947, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.166 |
| <i>williamsoni</i> Alexander, 1912, <i>Brachypremna</i> | 4.7 |
| <i>williamsoni</i> (Alexander), 1923 (<i>Eriocera</i>), <i>Hexatoma</i> (<i>Eriocera</i>) .. | 4.105 |
| <i>willinki</i> Alexander, 1962, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.31 |
| <i>willistoni</i> Alexander, <i>Elephantomyia</i> (<i>Elephantomyia</i>) | 4.93 |
| <i>willistoniana</i> Alexander, 1929, <i>Limonia</i> (<i>Rhipidia</i>) | 4.79 |
| <i>winthemi</i> Alexander, 1922, <i>Erioptera</i> (<i>Psiloeconopa</i>) | 4.126 |
| <i>withycombei</i> Alexander, 1929, <i>Erioptera</i> (<i>Mesocyphona</i>) | 4.125 |
| <i>witteana</i> Alexander, 1942, <i>Ozodicera</i> (<i>Ozodicera</i>) | 4.20 |
| <i>wittei</i> Alexander, 1920, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.32 |
| <i>wolffhuegeli</i> Alexander, 1939, <i>Limnophila</i> (<i>Araucolimnophila</i>) | 4.107 |
| <i>woytkowskiana</i> Alexander, 1941, <i>Sigmatomera</i> (<i>Austrolimnobia</i>) .. | 4.156 |
| <i>woytkowskiana</i> Alexander, 1942, <i>Tipula</i> (<i>Eumicrotipula</i>) | 4.32 |
| <i>wygodzinskyi</i> Alexander, 1948, <i>Austrolimnophila</i> (<i>Austrolimnophila</i>) .. | 4.92 |
| <i>wygodzinskyi</i> Alexander, 1962, <i>Gonomyia</i> (<i>Gonomyia</i>) | 4.134 |
| <i>xantha</i> Alexander, 1952, <i>Teucholabis</i> (<i>Teucholabis</i>) | 4.166 |
| <i>xanthomela</i> Alexander, 1939, <i>Epiphragma</i> (<i>Epiphragma</i>) | 4.98 |



| | |
|--|-------|
| xanthomela Alexander, 1962, Limonia (Caenolimonia) | 4.49 |
| xanthoplaca (Alexander), 1921 (Geranomyia), Limonia (Geranomyia) | 4.68 |
| xanthoptera Alexander, 1929, Austrolimnophila (Austrolimnophila) | 4.92 |
| xanthostoma Loew, 1851, Ozodicera (Dihexaclonus) | 4.18 |
| xanticles Alexander, 1946, Teucholabis (Teucholabis) | 4.166 |
| Xenoelephantomyia Alexander, 1965 | 4.95 |
| Xenotipula Alexander, 1921 | 4.16 |
| xystophanes (Alexander), 1921 (Paratropeza), Teucholabis (Euparatropeza) | 4.158 |
| | |
| Yamatotipula Matsumura, 1916 | 4.40 |
| yanamontana Alexander, 1945, Tipula (Eumicrotipula) | 4.32 |
| yungasensis Alexander, 1962, Tipula (Eumicrotipula) | 4.32 |
| yungasicola (Alexander), 1962 (Holorusia), Zelandotipula | 4.43 |
| yunquana Alexander, 1952, Limonia (Dicranomyia) | 4.59 |
| yunquensis Alexander, 1956, Limonia (Geranomyia) | 4.68 |
| yunquensis Alexander, 1952, Molophilus (Molophilus) | 4.152 |
| | |
| Zalusa Enderlein, 1906 | 4.79 |
| zamora (Alexander), 1945 (Holorusia), Zelandotipula | 4.43 |
| Zelandoglochina Alexander, 1924 | 4.80 |
| Zelandotipula Alexander, 1922 | 4.41 |
| zeltale Alexander, 1928, Tipula (Eumicrotipula) | 4.32 |
| zernyana Alexander, 1949, Shannonomyia (Shannonomyia) | 4.117 |
| zernyi Alexander, 1942, Trentepohlia (Neomongoma) | 4.169 |
| zcteki Alexander, 1945, Tipula (Microtipula) | 4.39 |
| zeugmata Alexander, 1951, Tipula (Eumicrotipula) | 4.32 |
| zikanellus (Alexander), 1953 (Longurio), Leptotarsus (Longurio) | 4.13 |
| zikani (Alexander), 1936 (Holorusia), Ischnotoma (Icriomastax) | 4.9 |
| zikania Alexander, 1937, Ozodicera (Ozodicera) | 4.20 |
| zonalis Alexander, 1926, Tipula (Microtipula) | 4.39 |
| zonata (Osten Sacken), 1886 (Eriocera), Hexatoma (Eriocera) .. | 4.105 |
| zotzil Alexander, 1928, Tipula (Eumicrotipula) | 4.32 |





DEPARTAMENTO DE ZOOLOGIA, SECRETARIA DA AGRICULTURA, SÃO PAULO

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

5

FAMILY TANYDERIDAE

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The family Tanyderidae includes 36 species distributed in 11 genera, of which *Macrochile* Loew (type, *spectrum* Loew) is known as fossil in the Baltic Amber (Upper Eocene). The remaining genera, with the number of species, are *Protoplasa* Osten Sacken (1), eastern Nearctic; *Tanyderus* Philippi (1), *Araucoderus* Alexander (1), and *Neoderus* Alexander (1), southern Neotropical; *Peringueyomyia* Alexander (1), southern Ethiopian; *Radinocerus* Handlirsch (11), *Mischoderus* Handlirsch (5), *Nothoderus* Alexander (1), and *Eutanyderus* Alexander (1), Australasian, including New Zealand (*Mischoderus*); and *Protanyderus* Handlirsch, with 3 species in the western Nearctic and 8 in the eastern Palaearctic regions.

The immature stages of four of the genera now are known and all conform closely to a uniform type, both in the larvae and pupae [*Protoplasa fitchii* (Osten Sacken): Alexander, 1930b (larva, pupa), Crampton, 1930a (pupa), 1930b (larva); *Protanyderus margarita* Alexander: Knight, 1963 (larva), 1964 (pupa); *Protanyderus vipio* (Osten Sacken): Rose, 1963 (larva); *Peringueyomyia barnardi* Alexander: Wood, 1952 (larva, pupa); *Eutanyderus wilsoni* Alexander: Hinton, 1966 (pupal spiracular gills)]. The early stages are aquatic or virtually so, pupation taking place in the sandy soil along stream margins. The three Neotropical genera are among the rarest of all known Diptera and the discovery of their early stages, particularly those of the type of the family, *Tanyderus*, would be of particular interest.

Genus TANYDERUS Philippi

TANYDERUS Philippi, 1865:780. Type-species, *pictus* Philippi (mon.).

PICTUS Philippi, 1865:781, fig. 57 with subfigs. (entire insect, wing, head).

Type-locality: Chile, Valdivia, Los Ulmos. Distr. — Chile (Concepción, south to Llanquihue; Arauco; Valdivia [Alexander, 1935]).
Refs. — Alexander, 1927 (venation); Williams, 1933: fig. 34 (wing).
Type apparently lost.

Genus ARAUCODERUS Alexander

ARAUCODERUS Alexander, 1929:228. Type-species, *Tanyderus gloriosus* Alexander (mon.).

GLORIOSUS (Alexander), 1920:5, fig. (wing) (*Tanyderus*). Type-locality: Chile, Río Aysén. Distr. — Chile, Argentina (Tucumán). Refs. — Alexander, 1927:9, fig. 6 (venation), 1929:228. Type in Riksmuseum, Stockholm.

Genus NEODERUS Alexander

Tanyderus, subg. NEODERUS Alexander, 1927:10. Type-species, *patagonicus* Alexander (mon.).

Ref. — Alexander, 1928:228 (as genus).

PATAGONICUS (Alexander), 1913:331, figs. 1, 2 (head), 3 (wing) (*Tanyderus*). Type-locality: Argentina, Patagonia, Latitude Cove. Distr. — Argentina. Ref. — Alexander, 1927:10, fig. 8 (venation), 19 (head). Type in U.S. National Museum, n° 14919.

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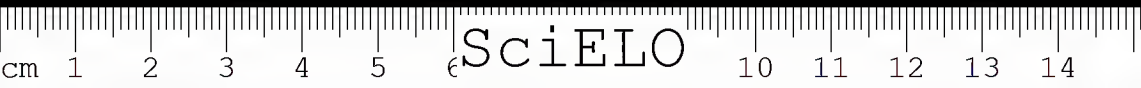
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INDEX

| | |
|--|-----|
| Araucoderus Alexander, 1929 | 5.1 |
| gloriosus (Alexander), 1920 (Tanyderus), Araucoderus | 5.2 |
| Neoderus Alexander, 1927 | 5.2 |
| patagonicus (Alexander), 1913 (Tanyderus), Neoderus | 5.2 |
| pictus Philippi, 1865, Tanyderus | 5.1 |
| Tanyderus Philippi, 1865 | 5.1 |









SciELO

SUPERFAMILY PSYCHODOIDEA

Family Tanyderidae

Family Psychodidae

Family Nymphomyiidae





MUSEU DE ZOOLOGIA, UNIVERSIDADE DE SÃO PAULO

(FORMERLY DEPARTAMENTO DE ZOOLOGIA, SECRETARIA DA AGRICULTURA, SÃO PAULO)

A CATALOGUE OF THE DIPTERA OF THE AMERICAS SOUTH
OF THE UNITED STATES

6A

FAMILY PSYCHODIDAE

SUBFAMILIES BRUCHOMYIINAE, TRICHOMYIINAE,
SYCORACINAE AND PSYCHODINAE

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Apart from Phlebotominae, which have been studied extensively, at present the described neotropical Psychodidae are few in number and less well known than those of any other region. The indications are, however, that the fauna is large and very distinctive with a high proportion of genera and subgenera restricted to the neotropics. Of 20 non-phlebotomine genera listed below, 10 are unknown from any other region. The most important papers on this remarkable fauna are those of Tonnoir (1929), Barretto (1950, 1954a, 1954b, 1954c, 1956, 1961), Fairchild (1952), Quate (1963) and Duckhouse (1968). Several genera occur in Mexican amber (Quate, 1961, 1963b).

The Bruchomyiinae, which are the most plesiomorphic subfamily, are concentrated in northern Argentina, Paraguay and southern Brazil. Species of Bruchomyiinae are often taken with *Phlebotomus*, and a study of the immature stages of *Bruchomyia argentina* (Satchell, 1953e) has suggested a closer actual relationship with Phlebotominae than is shown by adult morphology alone. Some authors have accordingly united the two subfamilies (e.g. Fairchild, 1955) but I have preferred to follow Satchell by keeping them apart, thus giving expression to the considerable imaginal differences.

Sycoeracinae have rarely been taken in the neotropics. However, this is more probably due to their small size and reclusive habits than to an actual scarcity. At present the subfamily contains a single genus, *Sycorax*. Several European species of *Sycorax* have aselliform, rheophile larvae (Feuerborn, 1932; Jung, 1956) and at least one is haematophagous (Desportes, 1942; Parrot, 1951). It is likely that the neotropical species are similar in these respects.

The Trichomyiinae contain a single genus, *Trichomyia*. Although the type species of *Trichomyia* has a wood-boring larva (Keilin & Tate, 1937) it should not be assumed that the neotropical species all share this habit. Probably the larger species, e.g. *T. edwardsi*, do, but from experience elsewhere I suspect that the small species whose palpi are



3-segmented, with the sensory rods occurring in a pit on segment 1 (e.g. *pedicellata*, *vargasi*) will be found to breed amongst the soft decomposing material contained in tree-holes.

The Psychodinae are by far the largest and most diversified subfamily, including numerous small and mostly unicolorous species, generally encountered in moist woods or forests where is an abundance of decomposing plant material. Some few species are widely distributed or cosmopolitan (e.g. *Telmatoscopus albipunctatus*, *Psychoda surcoufi*). Immatures often occur amongst layers of fallen leaves at the edges of streams or pools, or in tree-holes, while the adults rest nearby, on the overhanging vegetation, on tree trunks or in dark crevices. Immatures of most neotropical species probably resemble those of the European forms described by Satchell (1947, 1949). One obvious exception is the peculiar genus *Maruina*, first described by Müller (1895), in which the larva has a row of ventral suckers enabling it to attach to wet rocks in swift-flowing streams or by waterfalls.

The following abbreviations have been used:

A.M.N.H. — American Museum of Natural History, New York.

B.M. (N.H.) — British Museum (Natural History), London.

Dept. Paras., São Paulo — Department of Parasitology, Faculty of Medicine, University of São Paulo.

M.C.Z. — Museum of Comparative Zoology, Cambridge, Massachusetts.

U.S.N.M. — United States National Museum, Washington, D.C.

Z.M.B. — Zoologisches Museum, Berlin.

Subfamily BRUCHOMYIINAE

Genus BRUCHOMYIA Alexander

BRUCHOMYIA Alexander, 1920:403. Type-species, *argentina* Alexander (orig. des.). Ref. — Fairchild, 1952:274-279.

ALMEIDAI Barretto & d'Andretta, 1946:68-71 (♀); figs. 10-13. Type-locality: Brazil, Estado de São Paulo, Franca. Holotype ♀ in Dept. Paras., São Paulo. Distr. — Brazil (São Paulo, Franca; Jaraguá). Ref. — Barretto, 1954:343-346; figs. 9-13 (♂).

ARGENTINA Alexander, 1920:405 (♂); figs. 1-9. Type-locality: Argentina, Córdoba prov., La Granja, Alta Gracia. Holotype ♂, in Alexander collection. Distr. — Argentina (Córdoba prov., La Granja). Refs. — Tonnoir, 1940:212; figs. 5E, 7A, B (♂); Satchell, 1953c:1-12; figs. 1-14 (immatures).

BRASILIENSIS Alexander, 1940:795-796 (♂); figs. 1, 3. Type-locality: Brazil, Ceará, Crato. Holotype ♂ in Alexander collection. Distr. — Brazil (Ceará, Crato).

FUSCA Barretto, 1950:348-350 (♂); figs. 6-8. Type-locality: Brazil, São Paulo, Serra da Cantareira. Holotype ♂ in Dept. Paras., São Paulo. Distr. — Brazil (São Paulo, Serra da Cantareira; Rio de Janeiro, Boa Vista). Ref. — Fairchild, 1952:276-279 (♂, ♀); figs. 46-52.

PERUVIANA Alexander, 1929:6 (♀). Type-locality: Peru, Chanchamayo. Colonia Perené. Holotype ♀ in U.S.N.M., n° 41581. Distr. — Peru (Chanchamayo, Colonia Perené).



- PLAUMANNI Alexander, 1944:313-315 (♂); figs. 1-2. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Holotype ♂ in Alexander collection. Distr. — Brazil (Santa Catarina, Nova Teutônia).
- SHANNONI Alexander, 1929:4-6 (♂, ♀); figs. 1-2. Type-locality: Peru, Department of Lima, Verrugas Cañon. Holotype ♂ in U.S.N.M., n° 41582. Distr. — Peru (Dept. Lima, Verrugas Cañon; Rimac Valley). Ref. — Fairchild, 1952:279 (♂, ♀); figs. 53-56.
- UNICOLOR Barretto, 1950:347-348 (♂); figs. 14-16. Type-locality: Brazil, São Paulo, Jaraguá. Holotype ♂ in Dept. Paras., São Paulo. Distr. — Brazil (São Paulo, Jaraguá).

Genus NEMOPALPUS Macquart

- NEMOPALPUS Macquart, 1838a:102. Type-species, *flavus* Macquart (mon.). Refs. — Macquart, 1838b; Fairchild, 1952:260-274 (includes key); Fairchild, 1955:182-188; Jung, 1963.
- Nemopalpus* Macquart, 1838b:85 (*lapsus*).
- ANTHILLARUM Fairchild, 1952:270-272 (♂); figs. 16-21, 32, 38. Type-locality: Dominican Republic, Sabana del Mar, Cacao Plantation, 100 ft. Holotype ♂, in Gorgas Memorial Laboratory, Panama. Distr. — Dominican Republic (Sabana del Mar, 100-650 ft.).
- ARROYO De Leon, 1950:14-16 (♂, ♀); figs. 12-18. Type-locality: Guatemala, Mazatenango. Holotype ♂, presumably in De Leon collection or University of San Carlos, Guatemala. Distr. — Guatemala (Mazatenango), Mexico (Michoacán, basin of R. Tepalcatepec), Panama (Chiriqui Prov.). Ref. — Fairchild, 1952:264-268 (♂, ♀); figs. 1-11, 30, 31, 39.
- BREVINERVIS Barretto & d'Andretta, 1946:60-62 (♂); figs. 1-6. Type-locality: Brazil, São Paulo. Holotype ♂ in Dept. Paras., São Paulo. Distr. — Brazil (São Paulo).
- DAMPFIANUS Alexander, 1940:796-798 (♂); figs. 2-4. Type-locality: Mexico, Chiapas, Finca Vergel. Holotype ♂, in Alexander collection. Distr. — Mexico (Chiapas, Finca Vergel; Palenque). Ref. — Fairchild, 1952:272-274 (♀); figs. 12, 13, 22-26, 37.
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- MORALES De Leon, 1950:16-20 (♂, ♀); figs. 19-20. Type-locality: Guatemala, Dept. de Suchitepéquez, Mazatenango. Holotype ♂, presumably in De Leon collection or University of San Carlos, Guatemala. Distr. — Guatemala (Dept. Suchitepéquez, Mazatenango). Ref. — Fairchild, 1952:262.



- PALLIPES (Shannon & Del Ponte), 1927:733-734 (♂) (*Bruchomyia*). Type-locality: Argentina, Misiones, Cataratas del Iguazú. Holotype ♀, in U.S.N.M., n° 41580. Distr. — Argentina (Misiones, Cataratas del Iguazú). Refs. — Alexander, 1929:8; Fairchild, 1952:262.
- PHILPES Tonnoir, 1922:130-134 (♂, ♀); figs. 1-8. Type-locality: Paraguay, San Bernardino. Holotype ♂, in Vienna Museum. Distr. — Paraguay (San Bernardino), Argentina (Iguazú Falls), Brazil (São Paulo, Bateia; Rio de Janeiro, Campo Belo; Santa Catarina, Nova Teutônia). Refs. — Alexander, 1929:8; Freeman, 1949:87-88; figs. 4-7.
- maculipennis* Barretto & d'Andretta, 1946:64-66 (♀); fig. 9. Type-locality: Brazil, Estado de São Paulo, Bateia.
- vezans* Alexander, 1940:798 (♂); fig. 5. Type-locality: Brazil, Rio de Janeiro, Campo Belo.
- SZILADYI Tonnoir, 1940:206-208 (♂); figs. 1, 3, 4. Type-locality: Costa Rica, Suiza de Turrialba. Holotype ♂, in Hungarian National Museum. Distr. — Costa Rica (Suiza de Turrialba), Panama (Bocas del Toro Prov.). Ref. — Fairchild, 1952:268-270 (♂, ♀); figs. 27-29.

Subfamily TRICHOMYIINAE

Genus TRICHOMYIA Haliday

- TRICHOMYIA Haliday, 1839:745. Type-species, *urbica* Haliday (mon.). Refs. — Satchell, 1956:147-148; Duckhouse, 1965:334.
- Eubonetia* Vargas & Diaz Nájera, 1953:155-156. Type-species, *Trichomyia cirrata* Coquillett (mon.).
- Lepria* Enderlein, 1937:112. Type-species, *squamosa* Enderlein (orig. des.).
- Termitodipteron* Holmgren, 1905:533-536; figs. 4-6. Type-species, *wasmanni* Holmgren (mon.).
- ARMATA Barretto, 1954b:127-129 (♂, ♀); figs. 1-12. Type-locality: Brazil, São Paulo, Serra da Cantareira, Horto Florestal. Holotype ♂, in Dep. Paras., São Paulo. Distr. — Brazil (São Paulo, Serra da Cantareira).
- BARRETTOI, *nom. nov.* for *Eubonetia fairchildi* Barretto, 1954a, which is a junior homonym of *Trichomyia fairchildi* Vargas & Diaz Nájera, 1953. Type-locality: Brazil, São Paulo, Serra da Cantareira, Horto Florestal. Holotype ♀, Dept. Paras., São Paulo. Distr. — Brazil (São Paulo, Serra da Cantareira). Ref. — Barretto, 1954a:85-87 (♀); figs. 5-9.
- fairchildi* Barretto, 1954a:85-87 (*Eubonetia*; preocc. Vargas & Diaz Nájera, 1953). Type-locality: Brazil, São Paulo, Serra da Cantareira, Horto Florestal.
- BRASILENSIS Satchell, 1956:152-153 (♂); fig. 5A-E. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Holotype ♂, in B.M. (N.H.). Distr. — Brazil (Santa Catarina, Nova Teutônia).
- CIRRATA Coquillett, 1902:137 (♀). Type-locality: Mexico, Tabasco, Frontera. Holotype ♀, in U.S.N.M., n° 6309. Distr. — Mexico (Tabasco, Frontera). Refs. — Satchell, 1956:149-151 (♂, ♀); fig. 2A-H; Quate & Wirth, 1951:163.



- COUTINHOI (Barretto), 1954a:87-89 (♀); figs. 10-15 (*Eubonetia*). Type-locality: Brazil, São Paulo, Serra da Cantareira, Horto Florestal. Holotype ♀ in Dept. Paras., São Paulo. Distr. — Brazil (São Paulo, Serra da Cantareira).
- EATONI Satchell, 1956:151-152 (♀); fig. 4A-E. Type-locality: Jamaica, Moneague. Holotype ♀ in B.M. (N.H.). Distr. — Jamaica (Moneague). Ref. — Duckhouse, 1965.
- EDWARDSI Tonnoir, 1929:30-31 (♂); figs. 66-70. Type-locality: Argentina, Neuquén province, Puerto Blest. Holotype ♂, in B.M. (N.H.). Distr. — Argentina (Neuquén province, Puerto Blest). Ref. — Satchell, 1956:151 (♀); fig. 3A, B (dubious identification).
- FAIRCCHILD Vargas & Diaz Nájera, 1953:154; figs. 5, 8. Type-locality: Mexico, Chiapas, Cerro Hueytepac, San Cristóbal Las Casas. Location of type unknown. Distr. — Mexico (Chiapas, Cerro Hueytepac).
- flavescens* Von Roser. Not neotropical.
- INERMIS Barretto, 1954b:129-130 (♂); figs. 13-17. Type-locality: Brazil, São Paulo, Serra da Cantareira, Horto Florestal. Holotype ♂, in Dept. Paras., São Paulo. Distr. — Brazil (São Paulo, Serra da Cantareira).
- MALDONADOI (Vargas), 1953:128-129 (♀); figs. 8-11 (*Eubonetia*). Type-locality: Mexico, Estado de Chiapas, Palenque, Río Chacamac. Holotype ♀, in Instituto de Salubridad y Enfermedades Tropicales. Distr. — Mexico (Chiapas, Palenque).
- PEDICILLATA Satchell, 1956:153-154 (♂, ♀); fig. 6A-G. Type-locality: Panama, Almirante, Bocas. Holotype ♂, in B.M. (N.H.). Distr. — Panama (Almirante, Bocas), Canal Zone (Forest Reserve, Cruces Trail). Ref. — Duckhouse, 1965:343.
- SQUAMOSA (Enderlein), 1937:112 (♀); fig. 1 (*Lepria*). Type-locality: "Costa Rica". Holotype ♀, in Z.M.B. Distr. — Costa Rica. Refs. — Satchell, 1956:148; Quate, 1963a:182-183; fig. 1(a)-(f).
- TRAVASSOSI (Barretto), 1954a:91-94 (♀); figs. 22-26 (*Eubonetia*). Type-locality: Brazil, São Paulo, Serra da Cantareira, Horto Florestal. Holotype ♀, in Dept. Paras., São Paulo. Distr. — Brazil (São Paulo, Serra da Cantareira).
- urbica* Haliday. Not neotropical.
- VARGASI (Barretto), 1954a:83-85 (♂); figs. 1-4 (*Eubonetia*). Type-locality: Brazil, São Paulo, Serra da Cantareira, Horto Florestal. Holotype ♂, in Dept. Paras., São Paulo. Distr. — Brazil (São Paulo, Serra da Cantareira).
- VAZI (Barretto), 1954a:89-91 (♀); figs. 16-21 (*Eubonetia*). Type-locality: Brazil, São Paulo, Serra da Cantareira, Horto Florestal. Holotype ♀, in Dept. Paras., São Paulo. Distr. — Brazil (São Paulo, Serra da Cantareira).
- WASMANNI (Holmgren), 1905:533-534 (♂); figs. 4-6 (*Termitodipteron*). Type-locality: Peru, Carabaya Province, Chaquimayo, in nest of *Eutermes rotundiceps* Holmgren. Location of type unknown. Distr. — Peru (Carabaya Province, Chaquimayo). Refs. — Speiser, 1906:717; Edwards, in Tonnoir, 1929: footnote, p. 2.



Subfamily SYCORACINAE

Genus SYCORAX Haliday

- SYCORAX** Haliday, 1839:745. Type-species, *silacea* Haliday (mon.). Ref. — Duckhouse, 1965:332.
- ASSIMILIS** Barretto, 1956:71-73 (♂, ♀); figs. 1-8. Type-locality: Brazil, São Paulo, Serra da Cantareira, Horto Florestal. Holotype ♂, in Dept. Paras., São Paulo. Distr. — Brazil (São Paulo, Serra da Cantareira).
- CHILENSIS** Tonnoir, 1929:31-32 (♂, ♀); figs. 71-75. Type-locality: Chile, Llanquihue, Peulla. Holotype ♂, in B.M. (N.H.). Distr. — Chile (Llanquihue, Peulla; Chiloé, Isla de Chiloé).
- SATCHELLI** Barretto, 1956:73-75 (♂, ♀); figs. 9-18. Type-locality: Brazil, São Paulo, Serra da Cantareira, Horto Florestal. Holotype ♂, in Dep. Paras., São Paulo. Distr. — Brazil (São Paulo, Serra da Cantareira).
- sp. Fairchild, 1955:184; fig. 14 (wing). Locality: Panama.

Subfamily PSYCHODINAE

Genus ALEPIA Enderlein

- ALEPIA** Enderlein, 1937:94-95. Type-species, *scripta* Enderlein (orig. des.). Refs. — Quate, 1963a:192; Duckhouse, 1968:31.
- ALBICOLLARE** (Enderlein), 1937:104 (♂, described as ♀) (*Chirolepia*). Type-locality: Bolivia, Sara Province, 600-700 m. Holotype ♂, in Z.M.B. Distr. — Bolivia (Sara province), Paraguay. Ref. — Quate, 1963a:193-194 (♂); fig. 10(a)-(h).
- BISUBULATA** Duckhouse, 1968:31-33 (♂); figs. 12-16. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Holotype ♂, in B.M. (N.H.). Distr. — Brazil (Santa Catarina, Nova Teutônia).
- HIRTIVENTRIS** (Tonnoir), 1920:151-154 (♂); fig. 3 (*Psychoda*). Type-locality: Brazil, Amazon, Gurupá. Location of type not know. Distr. — Brazil (Amazon, Gurupá). N. comb.
- hirtiventris* Enderlein, 1937:86 (lapsus).
- SCRIPTA** Enderlein, 1937:95 (♂, described as ♀). Type-locality: Bolivia, Yungas. Holotype ♂, in Z.M.B. Distr. — Bolivia (Yungas). Ref. — Quate, 1963a:192 (♂); fig. 9(a)-(e).
- sp. Duckhouse, 1968:33-34 (♀); figs. 17-22. Locality: Brazil, Santa Catarina, Nova Teutônia.

Genus ARISEMUS Satchell

- Telmatoscopus*, subg. **ARISEMUS** Satchell, 1955:88. Type-species, *maculosus* Satchell (orig. des.). Ref. — Botosaneanu & Vaillant, 1970:177-178.
- BOXI** Satchell, 1955:89-90 (♂); fig. 3A-D. Type-locality: West Indies, Windward Is., St. Lucia, Bar de l'Isle. Holotype ♂, in B.M. (N.H.). Distr. — West Indies (Windward Is., St. Lucia).

HEXADACTYLUS Botosaneanu & Vaillant, 1970:180-181 (♂); plate 1, fig. 8; plate 2, figs. 1-10. Type-locality: West Indies, Cuba, Rio Caburny, 550 m. No type material is cited. Distr. — West Indies (Cuba, Rio Caburny).

MACULOSUS Satchell, 1955:88-89 (♂, ♀); fig. 2a-g. Type-locality: West Indies, Jamaica, Moneague. Holotype ♂, in B.M. (N.H.). Distr. — West Indies (Jamaica, Moneague).

TETRADACTYLUS Botosaneanu & Vaillant, 1970:181; plate 3, figs. 1-4. Type-locality: West Indies, Cuba, Sierra Sagua Barracoa, 420 m. No type material is cited. Distr. — West Indies (Cuba, Sierra Sagua Barracoa).

Genus BRUNETTIA Annandale

BRUNETTIA Annandale, 1910:141-142. Type-species, *Diplonema superstes* Annandale (Brunetti, 1911:310). Ref. — Duckhouse, 1966:187-188.

ALBONOTATA (Brunetti), 1908:373 (♀); fig. 7 (*Psychoda*). Type-locality: India, Calcutta. Holotype ♀, in Zoological Survey of India, Calcutta, n° 5901/18. Distr. — India, Ceylon, Africa, Malaya, Formosa, Jamaica (Hopedale).

duripuncta Curran, 1928:30 (♂, ♀) (*Psychoda*). Type-locality: Jamaica, Hopedale. (Quate, 1962:169, doubts this synonymy).

duripunctata Quate, 1962:169 (lapsus).

Genus CHIROLEPIA Enderlein

CHIROLEPIA Enderlein, 1937:103. Type-species, *maculipennis* Enderlein (orig. des.). Ref. — Duckhouse, 1968:33.

MACULIPENNIS Enderlein, 1937:103 (♀). Type-locality: Bolivia, Yungas. Holotype ♀, in Z.M.B. Distr. — Bolivia (Yungas). Refs. — Quate, 1963a:192 (♀); fig. 10(i)-(l); Duckhouse, 1968:33.

Genus DICTYOCAMPSA Enderlein

DICTYOCAMPSA Enderlein, 1937:100. Type-species, *guttata* Enderlein (orig. des.). Ref. — Quate, 1963a:187-188.

GUTTATA Enderlein, 1937:100 (♂). Type-locality: Brazil, Colônia Hansa (= Corupá). Holotype ♂, in Z.M.B. Distr. — Brazil (Colônia Hansa). Ref. — Quate, 1963a:188 (♂); fig. 6(a)-(d).

Genus KUPARA Rapp

KUPARA Rapp, 1945:310. Type-species, *albipeda* Rapp (mon.). Ref. — Fairchild, 1951:17.

ALBIPEDA Rapp, 1945:311 (♀); fig. 5(a)-(c). Type-locality: Canal Zone, Barro Colorado Island. Holotype ♀, in A.M.N.H. Distr. — Canal Zone (Barro Colorado Island).



Genus MARUINA Müller

- MARUINA Müller, 1895:480-481. Type-species, *pilosella* Müller (Enderlein, 1937:109). Refs. — Quate & Wirth, 1951; Vaillant, 1963; Duckhouse, 1966:186-187.
- HIRTA Johannsen, 1938:224-225 (♂, ♀ immatures). Type-locality: Puerto Rico, Guaynabo River. Holotype ♂, in Dept. of Entomology, Cornell University. Distr. — Puerto Rico (Guaynabo and Yunez rivers). Ref. — Quate & Wirth, 1951:154 (♂, pupa); plate 1, figs. 2, 2A; plate 2, fig. 1.
- PILOSELLA Müller, 1895:480-481 (♂, ♀, immatures); figs. 2-5, 8, 9, 11-13, 18-20. Type-locality: Brazil, Santa Catarina, Itajaí, Blumenau?; No type specimen in known. Distr. — Brazil (Itajaí, Blumenau?; São Paulo, Rancharia, Usina Caiuá), Argentina (Tucumán province, Dept. Monteros, Quebrada de Los Sosa Acherál). Ref. — Quate & Wirth, 1951 (♂, ♀, immatures); plate 1, figs. 3, 3A; plate 2, figs. 2, 3.
- sp. A Quate & Wirth, 1951:162. Locality: Mexico, Contreras, near Mexico City (pupae in U.S.N.M.).
- SPINOSA Müller, 1895:480-481 (♀, immatures); figs. 6, 10, 14-17. Type-locality: Brazil, Santa Catarina (Itajaí, Blumenau). No type specimen is known. Distr. — Brazil (Itajaí, Blumenau). Ref. — Quate & Wirth, 1951:161-2.

Genus NEMONEURA Tonnoir

- NEMONEURA Tonnoir, 1929:27. Type-species, *Psychoda punctata* Philippi (orig. des.). Refs. — Satchell, 1953b:417-418; Quate, 1965a:466.
- DEALBATA Tonnoir, 1929:29 (♂); figs. 64-65. Type-locality: Chile, Llanquihue, Casa Pangue. Holotype ♂, in B.M. (N.H.). Distr. — Chile (Llanquihue, Casa Pangue; Chiloé, Isla de Chiloé), Argentina (Neuquén, Puerto Blest).
- PUNCTATA (Philippi), 1865:631 (*Psychoda*). Type-locality: Chile, Valdivia province. No type specimen is known. Distr. — Chile (Valdivia province; Llanquihue, Peulla; Chiloé, Isla de Chiloé). Ref. — Tonnoir, 1929:27-29 (♀); figs. 61-63.

Genus PARASETOMIMA Duckhouse

- PARASETOMIMA Duckhouse, 1968:29-31. Type-species, *umbella* Duckhouse (mon.).
- UMBELLA Duckhouse, 1968:31 (♂); figs. 1-8. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Holotype ♂, in B.M. (N.H.). Distr. — Brazil (Santa Catarina, Nova Teutônia).

Genus PERICOMA Walker

- PERICOMA Walker, 1856:256. Type-species, *Trichoptera trifasciata* Meigen (Coquillett, 1910:587). Refs. — Quate, 1963a; Duckhouse, 1966:155-156.



Some of Enderlein's genera given below have been tentatively recognized as subgenera (Quate, 1963a), but until the group is better known I prefer to leave all species under the one heading).

Desmioza Enderlein, 1937:99. Type-species, *Pericoma edwardsi* Tonnoir (orig. des.).

Didicrum Enderlein, 1937:105. Type-species, *Pericoma griscata* Tonnoir (orig. des.).

Mecysmia Enderlein, 1937:108. Type-species, *Mecysmia schoenemanni* Enderlein = *simplex* Tonnoir (orig. des.).

Podolepria Enderlein, 1937:105. Type-species, *Pericoma inornata* Tonnoir (orig. des.).

Synmormia Enderlein, 1937:99. Type-species, *Pericoma chilensis* Tonnoir (orig. des.).

Syntomolaba Enderlein, 1937:100. Type-species, *Pericoma complicata* Tonnoir (orig. des.).

ALFAROANA (Dyar), 1926a:110 (♂, ♀) (*Psychoda*). Type-locality: Costa Rica, Alajuela. Holotype ♂, in U.S.N.M., n° 29392. Distr. — Costa Rica (Alajuela). Ref. — Del Rosario, 1936:145-146.

AMPLIPENNA (Knab), 1914:103-104 (♂) (*Psychoda*). Type-locality: West Indies, Cuba, San Antonio de los Baños. Holotype ♂, in U.S.N.M., n° 15933. Distr. — West Indies (Cuba, San Antonio de los Baños). Ref. — Del Rosario, 1936:145-146.

BRASILENSIS Duckhouse, 1968:34 (♀); figs. 23-28. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Holotype ♀, in B.M. (N.H.). Distr. — Brazil (Santa Catarina, Nova Teutônia).

BUSEKANA (Dyar), 1926a:109 (♂) (*Psychoda*). Type-locality: West Indies, Martinique. Holotype ♂, in U.S.N.M., n° 29391. Distr. — West Indies (Martinique). Ref. — Del Rosario, 1936:145-146.

CAUDATA Satchell, 1955:90-92 (♂); fig. 4A-E. Type-locality: Jamaica, Runaway Bay. Holotype ♂, in B.M. (N.H.). Distr. — Jamaica (Runaway Bay).

CHILENSIS Tonnoir, 1929:14-15 (♂, ♀); figs. 19-22. Type-locality: Chile, Chiloé, Isla de Chiloé, Ancud. Holotype ♂, in B.M. (N.H.). Distr. — Chile (Chiloé, Isla de Chiloé).

COMPLICATA Tonnoir, 1929:15-16 (♂); figs. 23-27. Type-locality: Argentina, Neuquén province, Lake Nahuel Huapi, Puerto Blest. Holotype ♂, in B.M. (N.H.). Distr. — Argentina (Neuquén, Puerto Blest).

CONTIGUA Tonnoir, 1929:24-25 (♂, ♀); figs. 51-53. Type-locality: Argentina, Neuquén province, Puerto Blest. Holotype ♂, in B.M. (N.H.). Distr. — Argentina (Neuquén, Puerto Blest), Chile (Llanquihue, Casa Pangue).

EDWARDSI Tonnoir, 1929:12-14 (♂, ♀); figs. 14-18. Type-locality: Argentina, Neuquén province, Bariloche. Holotype ♂, in B.M. (N.H.). Distr. — Argentina (Neuquén, Bariloche). Ref. — Quate, 1963a:183; fig. 2(a)-(g).

EQUALIS Tonnoir, 1934:71 (nom. nov. for *speciosa* Tonnoir). Type-locality: Chile, Llanquihue, Casa Pangue. Holotype ♀, in B.M. (N.H.). Distr. — Chile (Llanquihue, Casa Pangue). Ref. — Tonnoir, 1929:11-12 (♀); fig. 13.

- speciosa* Tonnoir, 1929:11-12 (preocc. Meunier, 1905). Type-locality: Chile, Llanquihue, Casa Pangue.
- aequalis* Enderlein, 1937:103 (*Thrysocanthus*) (*lapsus*).
- FENESTRATA Tonnoir, 1929:20 (♀); figs. 37-39. Type-locality: Chile, Llanquihue, Casa Pangue. Holotype ♀, in B.M. (N.H.). Distr. — Chile (Llanquihue, Casa Pangue). Refs. — Enderlein, 1937:92 (in *Synseodais*); Quate, 1963a:189.
- GRABHAMANA (Dyar), 1926a:110 (♂, ♀) (*Psychoda*). Type-locality: West Indies, Jamaica, Kingston. Holotype, in U.S.N.M., n° 29393. Distr. — West Indies (Jamaica, Kingston). Ref. — Del Rosario, 1936:145-146.
- GRISEATA Tonnoir, 1929:22 (♀); figs. 42-45. Type-locality: Chile, Chiloé, Isla de Chiloé, Ancud. Holotype ♀, in B.M. (N.H.). Distr. — Chile (Chiloé, Isla de Chiloé). Ref. — Quate, 1963a:184-185.
- INCOMPLETA (Knab), 1914:105-106 (♂) (*Psychoda*). Type-locality: Panama, Canal Zone, Tabernilla. Holotype ♂, in U.S.N.M., n° 15936. Distr. — Canal Zone (Tabernilla). Ref. — Del Rosario, 1936:145-146.
- INORNATA Tonnoir, 1929:23-24 (♂, ♀); figs. 46-50. Type-locality: Argentina, Neuquén province, Puerto Blest. Holotype ♂, in B.M. (N.H.). Distr. — Argentina (Neuquén, Puerto Blest; Bariloche). Ref. — Quate, 1963a:185.
- NIVEOPUNCTATA Tonnoir, 1929:18-20 (♂, ♀); figs. 32-36. Type-locality: Chile, Chiloé, Isla de Chiloé, Castro. Holotype ♂, in B.M. (N.H.). Distr. — Chile (Chiloé, Isla de Chiloé). Ref. — Quate, 1963a:185.
- PALLIDULA Tonnoir, 1929:16-18 (♂, ♀); figs. 28-31. Type-locality: Argentina, Lake Correntoso. Holotype ♂, in B.M. (N.H.). Distr. — Argentina (Lake Correntoso). Ref. — Quate, 1963a:185.
- PICTIPENNIS Tonnoir, 1920:155-157 (♀). Type-locality: Jamaica, Kingston. Holotype ♀, in B.M. (N.H.). Distr. — Jamaica (Kingston). Ref. — Satchell, 1955:93.
- SIMPLEX Tonnoir, 1929:25-26 (♂); figs. 54-57. Type-locality: Argentina, Neuquén province, Bariloche. Holotype ♂, in B.M. (N.H.). Distr. — Argentina (Neuquén, Bariloche), Chile (Llanquihue, Casa Pangue). Ref. — Quate, 1963a:184-185; figs. 3(a)-(g).
- schoenemanni* Enderlein, 1937:108 (*Mecysmia*). Type-locality: Chile, Contulmo. Ref. — Quate, 1963a:185.
- SQUAMITARSIS Tonnoir, 1929:21 (♀); figs. 40-41. Type-locality: Chile, Llanquihue, Casa Pangue. Holotype ♀, in B.H. (N.H.). Distr. — Chile (Llanquihue, Casa Pangue).
- TRICOLOR (Knab), 1914:105 (♀) (*Psychoda*). Type-locality: Panama, Coscajar River. Holotype ♀, in U.S.N.M., n° 15935. Distr. — Panama (Coscajar River). Ref. — Del Rosario, 1936:145-146.
- VIDUATA Tonnoir, 1929:26 (♀); figs. 58-60. Type-locality: Chile, Chiloé, Isla de Chiloé, Ancud. Holotype ♀, in B.M. (N.H.). Distr. — Chile (Chiloé, Isla de Chiloé). Ref. — Quate, 1963a:185.

Genus PHILOSEPEDON Eaton

- PHILOSEPEDON Eaton, 1904:57. Type-species, *Psychoda humeralis* Meigen (orig. des.). Ref. — Quate, 1959c:448.



Subgenus PHILOSEPEDON Eaton

INTERDIETA (Dyar), 1928:88 (♂, ♀); plate 4, figs. 5-7 (*Psychoda*). Type-locality: United States, New York, Ithaca. Holotype ♂ (?), in U.S.N.M., n° 40516. Distr. — United States, West Indies (St. Lucia, Castries). Ref. — Quate, 1955:227-229 (♂, ♀); fig. 77a-e.

Subgenus EURYGARKA Quate, n. status

EURYGARKA Quate, 1959c:450 (as genus). Type-species, *Psychoda helcis* Dyar (orig. des.).

HELICIS (Dyar), 1929:64 (♂, ♀) (*Psychoda*). Type-locality: West Indies, Cuba, Central Jaronú. Holotype ♂, in U.S.N.M., n° 41186. Distr. — United States (Florida; Alabama), Cuba (Central Jaronú). Ref. — Quate, 1955:235 (♂, ♀); fig. 83a-d.

Subgenus QUATIELLA Botosaneanu & Vaillant, n. status

QUATIELLA Botosaneanu & Vaillant, 1970:173-174 (as genus) Type-species, *Philosepedon leonhardti* Vaillant (orig. des.).

EUBANA (Botosaneanu & Vaillant), 1970:174-176 (♂, ♀); plate 1, figs. 1-7. (*Quatiella*). Type-locality: West Indies, Cuba, Province de Las Villas, Sierra Escambray, Rio Caburny, 550 m. No type material is cited. Distr. — West Indies (Cuba, Province de las Villas, Sierra Escambray).

FUMATA (Knab), 1914:104-105 (♂) (*Psychoda*). Type-locality: Mexico, Córdoba. Holotype ♂, in U.S.N.M., n° 15934. Distr. — Mexico (Córdoba). Ref. — Del Rosario, 1936:132-134 (♂); plate 5, figs. 7-10. N. comb.

PLAUMANNI (Duckhouse), 1968:39 (♂), figs. 49-53 (*Psychoda*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Holotype ♂, in B.M. (N.H.). Distr. — Brazil (Santa Catarina, Nova Teutônia). N. comb.

SPATHIPENIS (Duckhouse), 1968:37 (♂); figs. 44-48 (*Psychoda*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Holotype ♂, in B.M. (N.H.). Distr. — Brazil (Santa Catarina, Nova Teutônia). N. comb.

Genus PLATYPLASTINX Enderlein

PLATYPLASTINX Enderlein, 1937:107. Type-species, *solor* Enderlein (orig. des.). Ref. — Quate, 1963a:195.

SOLOX Enderlein, 1937:107. Type-locality: "Costa Rica". Holotype ♀, in Z.M.B. — Ref. — Quate, 1963a:195 (♀); fig. 11(a)-(d).

Genus PSYCHODA Latreille

PSYCHODA Latreille, 1796:152. Type-species, *Tipula phalaenoides* Linnaeus (sub. mon., Latreille, 1802:424). Ref. — Duckhouse, 1966:194.

- AITKENI Quate, 1959a:218-219 (♀); figs. 10-11. Type-locality: West Indies, Trinidad, Chaguaramas. Holotype ♀, in U.S.N.M. Distr. — West Indies (Trinidad, Chaguaramas), Canal Zone, Panama.
- ALABANGENSIS Del Rosario, 1936:566 (♂); plate 1, figs. 17-20. Type-locality: Philippine Is., Luzon, Rizal Province, Alabang. Holotype ♂, in Philippine Bureau of Science. Distr. — Philippines, India, Ceylon, Borneo, Formosa, New Guinea, Micronesia; Trinidad (Tucker Valley). Ref. — Quate, 1959b:472; figs. 21a-e (♀).
- ichthyocerca* Quate, 1959b:472 (♀); fig. 21a-c. Type-locality: Micronesia, Yap Is., Yap.
- ALTERNATA Say, 1824:358. Type-locality: U.S.A., Pennsylvania, Philadelphia. No type-specimen is known. Distr. — All zoogeographical regions. Mexico (Orizaba; Córdoba), Canal Zone (Ft. Kobbe), West Indies (Puerto Rico, Bayamon; Trinidad; Jamaica), Chile (Chiloé, Puerto Montt). Refs. — Quate, 1955:218-222 (♂, ♀); fig. 72a-e; Duckhouse, 1966:195-197; fig. 146; Satchell, 1947:60-63 (larva); figs. 47-52.
- ALTERNICULA Quate, 1955:222 (♂, ♀); fig. 73a-e. Type-locality: U.S.A., Florida, W. Palm Beach, Morrison Field. Holotype ♀, in U.S.N.M. Distr. — U.S.A., Mexico (S.L. Potosí, Ciudad Valles), Canal Zone (Ft. Kobbe), West Indies (Trinidad, Tucker Valley).
- EINEREA Banks, 1894:331 (♂, ♀). Type-locality: U.S.A., New York, Long Island, Sea Cliff. Holotype, in Museum of Comparative Zoology, Harvard, U.S.A. Distr. — All zoogeographical regions. West Indies (Puerto Rico, Rio Piedras), Chile (Santiago), Juan Fernández Is. (Masatierra, Cumberland Bay). Refs. — Duckhouse, 1966:208-209 (♂, ♀); figs. 204-207; Satchell, 1947:56-58 (larva); figs. 13-19.
- COCHILEARIA Satchell, 1950:181-183 (♂, ♀); figs. 4A-F. Type-locality: Fiji Is., Suva, Botanical Gardens. Holotype ♂, in B.M. (N.H.). Distr. — Fiji, Samoa, Micronesia, Borneo, Philippines; Canal Zone (Ft. Kobbe), West Indies (Trinidad).
- DIVARICATA Duckhouse, 1968:37 (♂, ♀); figs. 34-42. Type-locality: Brazil. Santa Catarina, Nova Teutônia. Holotype ♂, in B.M. (N.H.). Distr. — Brazil (Santa Catarina, Nova Teutônia).
- GEHRKEAE Quate, 1959a:216 (♀); figs. 6-7. Type-locality: West Indies, Trinidad, Tucker Valley. Holotype ♀, in U.S.N.M. Distr. — West Indies (Trinidad, Tucker Valley).
- griseus* Tonnoir. Not neotropical.
- MASATIERRENSIS Satchell, 1952:106-107 (♀); fig. 1A-F. Type-locality: Juan Fernández Is., Masatierra, Bahía Cumberland. Location of type unknown. Distr. — Juan Fernández Is. (Masatierra, Bahía Cumberland; Masafuera).
- PARTHENOGENETICA Tonnoir, 1940:53-54 (♀). Type-locality: "Europe". No type-specimen is known. Distr. — Europe, Japan, Korea, New Zealand, southern Australia, South Georgia, Kerguelen I., Macquarie I., Campbell I.; Juan Fernández Is. Ref. — Tonnoir, 1922:80; fig. 11A (♀, as *Psychoda severini* Tonn.); Duckhouse, 1962:428.
- phalacnoides* Tonnoir. Not neotropical.
- PLAESIA Quate, 1959b:461-462 (♂, ♀); fig. 16a-d. Type-locality: Micronesia, Bonin Is., Chichi Jima, Omura. Holotype ♂, in Kyushu Univer-

- sity. Distr. — Micronesia (Bonin Is., Caroline Is.); Canal Zone (Ft. Kobbe). Ref. — Quate, 1959a:219.
- PLATILOBATA Tokunaga, 1957:65-66 (♀); figs. 34-36. Type-locality: Formosa, Szechuan, nr. Chaochow. Location of type unknown. Distr. — Formosa, Philippine Is., Borneo, New Guinea; West Indies (Trinidad; Jamaica). Ref. — Quate, 1965b:888 (♂, ♀); fig. 28a-b.
- PSEUDOCOMPAR Tonnoir, 1929:7-8 (♂); figs. 5-9. Type-locality: Argentina, Lake Correntoso. Holotype ♂, in B.M. (N.H.). Distr. — Argentina (Lake Correntoso).
- SAVAHENSIS Edwards, 1928:74 (♂); fig. 12(a)-(c). Type-locality: Samoa, Savaii, Salailua. Holotype ♂, in B.M. (N.H.). Distr. — Samoa, Cook Is., Micronesia, New Britain, Bougainville, New Guinea, Borneo, Sarawak, Philippines, Ryukyu Is., Taiwan, Japan, Hawaiian Is., U.S.A. Nicaragua (Rama, Zelaya), Costa Rica (Higuito, San Mateo; San Pedro de Montes de Oca), Panama (Trinidad Rio), Tobago I., Canal Zone (Ft. Claiton; Ft. Kobbe; Barro Colorado I.; Mojinga Swamp), West Indies (Puerto Rico; Trinidad). Ref. — Satchell, 1953a:183-185 (♂, ♀); fig. 3A-G (as *rarotogensis*).
- lucia* Quate, 1954:349-350 (♂, ♀); figs. 28-31. Type-locality: West Indies, St. Lucia, Castries.
- rarotogensis* Satchell, 1953a:183-185 (♂, ♀); fig. 3A-G. Type-locality: Cook Is., Rarotonga, Wigmores Waterfall.
- SCOTINA Quate, 1959:218 (♀); figs. 8-9. Type-locality: Canal Zone, Fort Claiton. Holotype ♀, in U.S.N.M. Distr. — Canal Zone (Fort Claiton), West Indies (Trinidad, Tucker Valley).
- SIMILLIMA Tonnoir, 1929:8-9 (♂); figs. 10-12. Type-locality: Argentina, Neuquén province, Bariloche. Holotype ♂, in B.M. (N.H.). Distr. — Argentina (Neuquén, Bariloche).
- sp. Dyar, 1926b:103-105; plate 1, fig. 1 (as *phalaenoides* Tonnoir). Localities: New Mexico (Las Cruces; Las Vegas), Mexico (Córdoba), Guatemala (Dep. Sololá, Finca San Basilio), Venezuela (Dep. Aragua, Maracay), Chile (Angol). Probably Dyar was dealing with several or many species. Ref. — Quate, 1955:212-213.
- SURCOUFI Tonnoir, 1922:74-76 (♂, ♀); fig. 9. Type-locality: France, Lamballe. Holotype in Natural History Museum, Paris. Distr. — Europe, southern Australia, New Zealand, Campbell I., Macquarie I., Antipodes Is., Chile (Chiloé, Isla de Chiloé, Ancud; Puerto Montt). Ref. — Duckhouse, 1966:211-213.
- subimmaculata* Tonnoir, 1929:6-7 (♀); figs. 1-4. Type-locality: Chile, Chiloé, Isla de Chiloé, Ancud.
- ZETOSCOLA Quate, 1959a:214 (♂); figs. 1-2. Type-locality: Canal Zone, Fort Claiton. Holotype ♂, in U.S.N.M. Distr. — Canal Zone (Ft. Claiton), West Indies (Trinidad, Tucker Valley).

Genus SYNTOMOZA Enderlein

- SYNTOMOZA Enderlein, 1937:88-89. Type-species, *niveitarsis* Enderlein (orig. des.). Ref. — Quate, 1963a:185-186.
- Lepidiella* Enderlein, 1937:89. Type-species, *lanuginosa* Enderlein (orig. des.). Ref. — Quate, 1963a:187.

- CERVI (Satchell), 1955:92-93 (♂, ♀); fig. 5A-E (*Pericoma*). Type-locality: West Indies, Windward Is., St. Lucia, Bar de l'Isle. Holotype ♂, in B.M. (N.H.). Distr. — West Indies, Windward Is., St. Lucia.
- LANUGINOSA (Enderlein), 1937:89-90 (*Lepidiella*). Type-locality: Bolivia, Yungas. Holotype ♂, in Z.M.B. Distr. — Bolivia (Yungas). Ref. — Quate, 1963a:187 (♂); fig. 5(a)-(f).
- languginosa* Quate, 1963a:187 (lapsus).
- NIVERITARSIS Enderlein, 1937:89 (♂, as ♀). Type-locality: Peru, Dept. Cuzco, Callanga, Valle Piñi-Piñi, 1500 m. Holotype ♂, in Z.M.B. Distr. — Peru (Dept. Cuzco, Callanga). Ref. — Quate, 1963a:186 (♂, ♀); fig. 4(a)-(i).

Genus TELMATOSCOPIUS Eaton

- TELMATOSCOPIUS Eaton, 1904:58-59. Type-species, *Pericoma morula* Eaton (Tonnoir, 1933:70). Ref. — Duckhouse, 1966:174, 216-217 (Quate's designation of *Pericoma advena* Eaton, as type-species, 1965c:93, is invalid).

Subgenus CLOGMIA Enderlein

- Telmatoscopus*, subg. CLOGMIA Enderlein, 1937:87. Type-species, *Psychoda albipunctata* Williston (orig. des.) (as *albipennis*, lapsus). Refs. — Quate, 1963a:189; Quate & Quate, 1967:79.
- ALBIPUNCTATUS (Williston), 1893:113-114 (*Psychoda*). Type-locality: West Indies, Cuba, Havana. Holotype ♂, in U.S.N.M. Distr. — Tropicopolitan. In neotropics: Mexico (Tabasco, Frontera; Oaxaca, Tuxtepec; Yucatan; Córdoba), Costa Rica (La Suiza de Turrialba; Alajuela), Panama, West Indies (Bahamas, Nassau and New Providence I.; Cuba, Baracoa; Jamaica; Haiti; Puerto Rico; Tobago; Trinidad), Guyana (Georgetown), Colombia (?), Brazil (Rio de Janeiro), Paraguay (?), Argentina (Paso de los Libres, Corrientes). Refs. — Efflatoun, 1921:22-32 (immatures); Quate, 1955:185-187; figs. 53 (♂, ♀), 92 (pupa).
- albipuncta* Dyar, 1926c:149 (lapsus) (*Psychoda*).
- erecta* Curran, 1926:102 (*Psychoda*). Type-locality: West Indies, Jamaica, Hope Gardens.
- albopunctata* Curran, 1934:309, 525 (lapsus) (*Psychoda*).
- albipennis* Enderlein, 1937:87 (lapsus).
- giesi* Vargas, 1953:130-131 (♀); figs. 5-7 (*Syntomolaba*). Type-locality: Mexico, Yucatán, Mérida.

Subgenus NEUROSYSTASIS Satchell

- Telmatoscopus*, subg. NEUROSYSTASIS Satchell, 1955:86. Type-species, *terminalis* Satchell (mon.).
- TERMINALIS Satchell, 1955:86-88 (♂, ♀); figs. 1A-F. Type-locality: West Indies, Jamaica, Moneague. Holotype ♂, in B.M. (N.H.). Distr. — West Indies (Jamaica, Moneague).

Unplaced species of TELMATOSCOPIUS

- CALCARATUS Duckhouse, 1968:34-36 (♀); figs. 29-33. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Holotype ♂, in B.M. (N.H.). Distr. — Brazil (Santa Catarina, Nova Teutônia).
- FURCATUS (Kincaid), 1899:34 (*Pericoma*). Type-locality: U.S.A., Washington, Pullman. Holotype ♂, in Kincaid Collection (University of Washington?). Distr. — Widespread in U.S.A.; British Columbia, Brazil (Santa Catarina, Nova Teutônia). Refs. — Quate, 1955: 169-170 (♂, ♀); fig. 41a-f; Duckhouse, 1968:36.

Genus THRYSOCANTHUS Enderlein

- THRYSOCANTHUS Enderlein, 1937:103. Type-species, *Psychoda stellunata* Loew (orig. des.). Ref. — Quate, 1963a:189.
- RUBIGINOSUS Quate, 1963a:191 (♂); fig. 8(a)-(g). Type-locality: "Paraguay". Holotype ♂, in Z.M.B. Distr. — Paraguay.
- STELLULATUS (Loew), 1854:1 (♂) (*Psychoda*). Type-locality: "Brazil". Holotype ♂, in Z.M.B., n° 10899. Distr. — Brazil. Refs. — Enderlein, 1937:103; Quate, 1963a:189-190 (♂); fig. 7 (c)-(j).

Genus TONNOIRA Enderlein

- TONNOIRA Enderlein, 1937:106. Type-species, *pelliticornis* Enderlein (orig. des.). Ref. — Quate, 1963a:189.
- PELLITICORNIS Enderlein, 1937:106. Type-locality: Peru, Callanga. Holotype ♀, in Z.M.B. Distr. — Peru (Callanga). Ref. — Quate, 1963a:189 (♀); fig. 7(a)-(d).

UNRECOGNIZED SPECIES

- ALBITARSIS Williston, 1896:284 (♂, ♀); fig. 52 (*Pericoma*; preocc. Banks, 1895). Type-locality: West Indies, St. Vincent. Holotype in B.M. (N.H.). Ref. — Dyar, 1926c:149 (*willistoni*, as nom. nov.).
- ANGUSTIPENNIS Williston, 1896:284 (♀); fig. 51 (*Psychoda*). Type-locality: West Indies, St. Vincent. Holotype ♀, in B.M. (N.H.).
- ANTENNALIS Williston, 1896:283 (♂) (*Psychoda*). Type-locality: West Indies, St. Vincent. Holotype ♂, in B.M. (N.H.).
- ATRASETA Rapp, 1945:310 (♀); fig. 4 (*Psychoda*). Type-locality: Canal Zone, Barro Colorado I. Holotype ♀, in A.M.N.H. Ref. — Fairchild, 1951:17.
- BREVITARSA Rapp, 1945:310 (♀); fig. 3(a)-(c) (*Psychoda*). Type-locality: Canal Zone, Barro Colorado I. Holotype ♀, in A.M.N.H. Ref. — Fairchild, 1951:17.
- DUBIA Bigot, 1888:4 (*Psychoda*). Type-locality: Chile, Cape Horn. No type-specimen is known. Ref. — Tonnoir, 1929:4.
- EBURNA Rapp, 1945:309 (♀); fig. 1(a)-(c) (*Psychoda*). Type-locality: Canal Zone, Barro Colorado I. Holotype ♀, in A.M.N.H. Ref. — Fairchild, 1951:17.



- FIMBRIATISSIMA Blanchard, 1852:351 (*Psychoda*). Type-locality: "Chile". Types, Muséum National d'Histoire Naturelle, Paris, n° 1275. Ref. — Tonnoir, 1929:4.
- GUIANICA Curran, 1934:309 (♂) (*Psychoda*). Type-locality: Guyana, Bartica District, Kartabo. Holotype ♂, in A.M.N.H., n° 201272.
- HYALINATA Blanchard, 1852:351-2 (*Psychoda*). Type-locality: Chile. Types, Muséum National d'Histoire Naturelle, Paris, n° 1277. Ref. — Tonnoir, 1929:4.
- MACULOSA Rapp, 1945:309-310 (♀); fig. 2(a)-(c) (*Psychoda*). Type-locality: Canal Zone, Barro Colorado I. Holotype ♀, in A.M.N.H. Ref. — Fairchild, 1951:17.
- MINUTISSIMA Enderlein, 1940:673 (♀); fig. 45 (*Psychoda*). Type-locality: Juan Fernández Is., Masatierra. Location of type unknown.
- NIGROPUNCTATA Schiner, 1868:29 (*Pericoma*). Type-locality: "Brazil". No type-specimen is known.
- NOTATA Blanchard, 1852:351 (*Psychoda*). Type-locality: "Chile". Types, Muséum National d'Histoire Naturelle, Paris, n° 1276. Ref. — Tonnoir, 1929:4.
- PALLENS Williston, 1896:283 (♂); figs. 50, 50a (*Psychoda*). Type-locality: West Indies, St. Vincent. Holotype ♂, in B.M. (N.H.). Ref. — Quate, 1963:184.
- PULLA Rondani, 1864:90 (*Psychoda*). Type-locality: "Chile". No type-specimen is known. Ref. — Tonnoir, 1929:4.
- PUNCTATELLA Townsend (nec Williston), 1897:19-20 (*Psychoda*). Type-locality: Mexico, Veracruz State, Paso de Telaya. Location of type unknown.
- SEPTEMPUNCTATA Philippi, 1865:631 (*Psychoda*). Type-locality: Chile, Santiago. No type-specimen is known. Ref. — Tonnoir, 1934: 79-80.
- SILVESTRII Holmgren, 1905:530-532 (♂); figs. 1-3 (*Termitadelphos*). Type-locality: Peru, Carabaya prov., Chaquimayo. No type-specimen is known.
- TENELLA Philippi, 1865:631-632 (*Psychoda*). Type-locality: Chile, Santiago. No type-specimen is known. Ref. — Tonnoir, 1929:4.
- URSULA Müller, 1895:480-481 (larva); fig. 1 (*Maruina*). Type-locality: Brazil (Itajaí, Blumenau?). No type-specimen is known. Ref. — Quate & Wirth, 1951:162-163.
- VENUSTA Weyenbergh, 1886:132 (♂, ♀); fig. 19 (*Psychoda*). Type-locality: "Argentina". No type specimen is known. Ref. — Tonnoir, 1929:4.

FOSSIL SPECIES

Genus TRICHOMYIA Haliday

- †ANTIQUARIA Quate, 1961:949-950 (♂); figs. 1, 2. Type-locality: Mexico, Chiapas, Las Cruces Landslide, locality B-5103. Late Oligocene or early Miocene amber fossil. Holotype ♂, in Univ. Calif. Mus. Paleo. n° 12685. Distr. — Mexico (Chiapas, Las Cruces Landslide).
- †DECLIVIVENA Quate, 1963b:112 (♀); fig. 1g. Type-locality: Mexico, Chiapas, Simojovel area, locality B-4119. Late Oligocene or early Miocene amber fossil. Holotype ♀, in Univ. Calif. Mus. Paleo. N° 12748. Distr. — Mexico (Chiapas, Simojovel area).

- † *DISCALIS* Quate, 1963b:112 (♀), fig. 2A; plate 15, fig. 3. Type-locality: Mexico, Chiapas, Simojovel area, locality B-7043. Late Oligocene or early Miocene amber fossil. Holotype ♀, in Univ. Calif. Mus. Paleo. N° 12749. Distr. — Mexico (Chiapas, Simojovel area).
- † *GLOMEROSA* Quate, 1963b:113-114 (♂); figs. 2b, c. Type-locality: Mexico, Chiapas, Las Cruces Landslide, locality B-5100. Late Oligocene or early Miocene amber fossil. Holotype ♂, in Univ. Calif. Mus. Paleo. N° 12816. Distr. — Mexico (Chiapas, Las Cruces Landslide).
- † *MECOCERA* Quate, 1963b:110-111 (♀); figs. 1a-c; plate 15, fig. 1. Type-locality: Mexico, Chiapas, Simojovel area, Pabuchil, locality B-7461. Late Oligocene or early Miocene amber fossil. Holotype ♀, in Univ. Calif. Mus. Paleo. n° 13074. Distr. — Mexico (Chiapas, Simojovel area, Pabuchil).
- † *SMITHI* Quate, 1963b:112 (♀); figs. 1d-f; plate 15, fig. 2. Type-locality: Mexico, Chiapas, Simojovel area, locality B-1402. Late Oligocene or early Miocene amber fossil. Holotype ♀, in Univ. Calif. Mus. Paleo. N° 12745. Distr. — Mexico (Chiapas, Simojovel area).
- † sp. Quate, 1963b:111-112 (♀). Locality: Mexico, Chiapas, Simojovel area, locality B-1402. Late Oligocene or early Miocene amber fossil.
- † sp. Quate, 1963b:112 (♀). Locality: Mexico, Chiapas, Ixhuatan. Late Oligocene or early Miocene amber fossil.

Genus *BRUNETTIA* Annandale

- † *HURDI* Quate, 1961:950-951 (♀); fig. 3; plate 108, fig. 1. Type-locality: Mexico, Chiapas, Las Cruces Landslide, locality B-5103. Late Oligocene or early Miocene amber fossil. Holotype ♀, in Univ. Calif. Mus. Paleo. N° 12671. Distr. — Mexico (Chiapas, Las Cruces Landslide).

Genus *TELMATOSCOPIUS* Eaton

Unplaced species of *TELMATOSCOPIUS*

- † *HURDI* Quate, 1963b:114 (♂); fig. 3; plate 15, fig. 5. Type-locality: Mexico, Chiapas, Simojovel area, locality B-5345. Late Oligocene or early Miocene amber fossil. Holotype ♀, in Univ. Calif. Mus. Paleo. N° 12901. Distr. — Mexico (Chiapas, Simojovel area).

Genus *PHILOSEPEDON* Eaton

Subgenus *PHILOSEPEDON* Eaton

- † *LABECULA* Quate, 1963b:116 (♀); plate 15, fig. 7. Type-locality: Mexico, Chiapas, Simojovel area, locality B-4117. Late Oligocene or early Miocene amber fossil. Holotype ♀, in Univ. Calif. Mus. Paleo. N° 12904. Distr. — Mexico (Chiapas, Simojovel area).
- † *MEXICANA* Quate, 1963b:114-116 (♂); figs. 4a-c; plate 15, fig. 6. Type-locality: Mexico, Chiapas, Simojovel area, Cerro Balumtum, locality B-7041. Late Oligocene or early Miocene amber fossil. Holotype ♂, in Univ. Calif. Mus. Paleo. N° 12902. Distr. — Mexico (Chiapas, Simojovel area, Cerro Balumtum).



Genus PSYCHODA Latreille

- † USITATA Quate, 1963b:116 (♂); fig. 4d-f; plate 15, fig. 8. Type-locality: Mexico, Chiapas, Simojovel area, Pabuchil, locality B-7461. Late Oligocene or early Miocene amber fossil. Holotype ♂, in Univ. Calif. Mus. Paleo. N° 13076. Distr. — Mexico (Chiapas, Simojovel area, Pabuchil).
- † sp. Quate, 1963b:116-117 (♀). Locality: Mexico, Chiapas, Simojovel area, Pabuchil.

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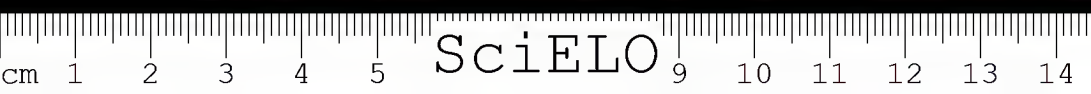
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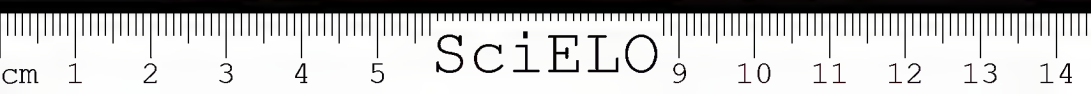
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INDEX

| | |
|---|-------|
| <i>aequalis</i> Enderlein, 1937 (Thrysocanthus), Perieoma (lapsus) | 6A.10 |
| <i>aitkeni</i> Quate, 1959, Psychoda | 6A.12 |
| <i>alabangensis</i> Del Rosario, 1936, Psychoda | 6A.12 |
| <i>albicollare</i> (Enderlein), 1937 (Chirolepia), Alepia | 6A.6 |
| <i>albipeda</i> Rapp, 1945, Kupara | 6A.7 |
| <i>albipennis</i> Enderlein, 1937, Telmatoscopus (lapsus) | 6A.14 |
| <i>albipuncta</i> Dyar, 1926 (Psychoda), Telmatoscopus (lapsus) | 6A.14 |
| <i>albipunctatus</i> (Williston), 1893 (Psychoda), Telmatoscopus | 6A.14 |
| <i>albitarsis</i> Williston, 1896, Perieoma | 6A.15 |
| <i>albonotata</i> (Brunetti), 1908 (Psychoda), Brunettia | 6A.7 |
| <i>albopunctata</i> Curran, 1934 (Psychoda), Telmatoseous (lapsus) .. | 6A.14 |
| <i>Alepia</i> Enderlein, 1937 | 6A.6 |
| <i>alfaroana</i> (Dyar), 1926 (Psychoda), Perieoma | 6A.9 |
| <i>almeidai</i> Barretto & d'Andretta, 1946, Bruchomyia | 6A.2 |
| <i>alternata</i> Say, 1824, Psychoda | 6A.12 |
| <i>alternicula</i> Quate, 1955, Psychoda | 6A.12 |
| <i>amplipenna</i> (Knab), 1914 (Psychoda), Pericoma | 6A.9 |
| <i>angustipennis</i> Williston, 1896, Psychoda | 6A.15 |
| <i>antennalis</i> Williston, 1896, Psychoda | 6A.15 |
| <i>antillarum</i> Fairchild, 1952, Nemopalpus | 6A.3 |
| <i>argentina</i> Alexander, 1920, Bruchomyia | 6A.2 |
| <i>Arisemus</i> Satchell, 1955 | 6A.6 |
| <i>armata</i> Barretto, 1954, Trichomyia | 6A.4 |
| <i>arroyoi</i> De Leon, 1950, Nemopalpus | 6A.3 |
| <i>assimilis</i> Barretto, 1956, Sycorax | 6A.6 |
| <i>atraseta</i> Rapp, 1945, Psychoda | 6A.15 |
| <i>barrettoi</i> Duckhouse, <i>nom. nov.</i> , Trichomyia | 6A.4 |
| <i>bisubulata</i> Duckhouse, 1968, Alepia | 6A.6 |
| <i>boxi</i> Satchell, 1955, Telmatoscopus | 6A.6 |
| <i>brasilensis</i> Duckhouse, 1968, Pericoma | 6A.9 |
| <i>brasilensis</i> Satchell, 1956, Trichomyia | 6A.4 |
| <i>brasilensis</i> Alexander, 1940, Bruchomyia | 6A.2 |
| <i>brevinervis</i> Barretto & d'Andretta, 1946, Nemopalpus | 6A.3 |
| <i>brevitarsa</i> Rapp, 1945, Psychoda | 6A.15 |
| <i>Bruchomyia</i> Alexander, 1920 | 6A.2 |
| <i>Bruchomyiinae</i> | 6A.2 |
| <i>Brunettia</i> Annandale, 1910 | 6A.7 |
| <i>busckana</i> (Dyar), 1926 (Psychoda), Pericoma | 6A.9 |

6A.25

| | |
|---|-------|
| <i>calcaratus</i> Duckhouse, 1968, <i>Telmatoscopus</i> | 6A.15 |
| <i>caudata</i> Satchell, 1955, <i>Pericoma</i> | 6A.9 |
| <i>cervi</i> (Satchell), 1955 (<i>Pericoma</i>), <i>Syntomoza</i> | 6A.14 |
| <i>chilensis</i> Tonnoir, 1929, <i>Pericoma</i> | 6A.9 |
| <i>chilensis</i> Tonnoir, 1929, <i>Sycorax</i> | 6A.6 |
| <i>Chirolepis</i> Enderlein, 1937 | 6A.7 |
| <i>cinerea</i> Banks, 1894, <i>Psychoda</i> | 6A.12 |
| <i>cirrata</i> Coquillett, 1902, <i>Trichomyia</i> | 6A.4 |
| <i>Clogmia</i> Enderlein, 1937 | 6A.14 |
| <i>cochlearia</i> Satchell, 1950, <i>Psychoda</i> | 6A.12 |
| <i>complicata</i> Tonnoir, 1929, <i>Pericoma</i> | 6A.9 |
| <i>contigua</i> Tonnoir, 1929, <i>Pericoma</i> | 6A.9 |
| <i>coutinhoi</i> (Barretto), 1954 (<i>Eubonetia</i>), <i>Trichomyia</i> | 6A.5 |
| <i>cubana</i> (Botosaneanu & Vaillant), 1970 (<i>Quatiella</i>), <i>Philoscopedon</i> | 6A.11 |
| <i>dampfianus</i> Alexander, 1940, <i>Nemopalus</i> | 6A.3 |
| <i>dealbata</i> Tonnoir, 1929, <i>Nemoneura</i> | 6A.8 |
| <i>Desmioza</i> Enderlein, 1937 | 6A.9 |
| <i>Dictyocampa</i> Enderlein, 1937 | 6A.7 |
| <i>Didicrum</i> Enderlein, 1937 | 6A.9 |
| <i>dissimilis</i> Barretto & d'Andretta, 1946, <i>Nemopalpus</i> | 6A.3 |
| <i>divaricata</i> Duckhouse, 1968, <i>Psychoda</i> | 6A.12 |
| <i>dubia</i> Bigot, 1888, <i>Psychoda</i> | 6A.15 |
| <i>duripuncta</i> (Curran), 1928 (<i>Psychoda</i>), <i>Brunettia</i> | 6A.7 |
| <i>duripunctata</i> Quate, 1962 (<i>Psychoda</i>), <i>Brunettia</i> (lapsus) | 6A.7 |
| <i>eatoni</i> Satchell, 1956, <i>Trichomyia</i> | 6A.5 |
| <i>eburna</i> Rapp, 1945, <i>Psychoda</i> | 6A.15 |
| <i>edwardsi</i> Tonnoir, 1929, <i>Pericoma</i> | 6A.9 |
| <i>edwardsi</i> Tonnoir, 1929, <i>Trichomyia</i> | 6A.5 |
| <i>equalis</i> Tonnoir, 1934, <i>Pericoma</i> | 6A.9 |
| <i>erecta</i> Curran, 1926 (<i>Psychoda</i>), <i>Telmatoscopus</i> | 6A.14 |
| <i>Eubonetia</i> Vargas & Díaz Nájera, 1953 | 6A.4 |
| <i>Eurygarka</i> Quate, 1959 | 6A.11 |
| <i>fairchildi</i> (Barretto), 1954 (<i>Eubonetia</i>), <i>Trichomyia</i> | 6A.4 |
| <i>fairchildi</i> Vargas & Díaz Nájera, 1953, <i>Trichomyia</i> | 6A.5 |
| <i>fenestrata</i> Tonnoir, 1929, <i>Pericoma</i> | 6A.10 |
| <i>fimbriatissima</i> Blanchard, 1852, <i>Psychoda</i> | 6A.16 |
| <i>flavescens</i> Von Roser | 6A.5 |
| <i>fumata</i> (Knab), 1914 (<i>Psychoda</i>), <i>Philosepedon</i> | 6A.11 |
| <i>furcatus</i> (Kincaid), 1899 (<i>Pericoma</i>), <i>Telmatoscopus</i> | 6A.15 |
| <i>fusca</i> Barretto, 1950, <i>Bruchomyia</i> | 6A.2 |
| <i>gehrkeae</i> Quate, 1959, <i>Psychoda</i> | 6A.12 |
| <i>giesi</i> Vargas, 1953 (<i>Syntomolaba</i>), <i>Telmatoscopus</i> | 6A.14 |
| <i>grabhamana</i> (Dyar), 1926 (<i>Psychoda</i>), <i>Pericoma</i> | 6A.10 |
| <i>griseata</i> Tonnoir, 1929, <i>Pericoma</i> | 6A.10 |
| <i>griseocens</i> Tonnoir | 6A.12 |
| <i>guianica</i> Curran, 1934, <i>Psychoda</i> | 6A.16 |
| <i>guttata</i> Enderlein, 1937, <i>Dictyocampa</i> | 6A.7 |



| | |
|--|--------|
| <i>helicis</i> (Dyar), 1929 (Psychoda), Philosepedon | 6A.11 |
| <i>hertiventris</i> Enderlein, 1937 (Psychoda), Alepia (lapsus) | 6A.6 |
| <i>hexadactylus</i> Botosaneanu & Vaillant, 1970, Arisemus | 6A.7 |
| <i>hirta</i> Johannsen, 1938, Maruina | 6A.8 |
| <i>hirtiventris</i> (Tonnoir), 1920 (Psychoda), Alepia | 6A.6 |
| <i>hyalinata</i> Blanchard, 1852, Psychoda | 6A.16 |
| <i>ichthyocerca</i> Quate, 1959, Psychoda | 6A.12 |
| <i>immaculatus</i> Freeman, 1949, Nemopalpus | 6A.3 |
| <i>incompleta</i> (Knab), 1914 (Psychoda), Pericoma | 6A.10 |
| <i>incrmiss</i> Barretto, 1954, Trichomyia | 6A.5 |
| <i>inornata</i> Tonnoir, 1929, Pericoma | 6A.10 |
| <i>interdicta</i> (Dyar), 1928 (Psychoda), Philosepedon | 6A.11 |
| Kupara Rapp, 1945 | 6A.7 |
| <i>languginosa</i> Quate, 1963, Syntomoza (lapsus) | 6A.14 |
| <i>lanuginosa</i> (Enderlein), 1937 (Lepidiella), Syntomoza | 6A.14 |
| <i>Lepidiella</i> Enderlein, 1937 | 6A.13 |
| <i>Lepria</i> Enderlein, 1937 | 6A.4 |
| <i>lucia</i> Quate, 1954, Psychoda | 6A.13 |
| <i>maculipennis</i> Barretto & d'Andretta, 1946, Nemopalpus | 6A.4 |
| <i>maculipennis</i> Enderlein, 1937, Chirolepis | 6A.7 |
| <i>maculosa</i> Rapp, 1945, Psychoda | 6A.16 |
| <i>maculosus</i> Satchell, 1955, Telmatoscopus | 6A.7 |
| <i>maldonadoi</i> (Vargas), 1953 (Eubonetia), Trichomyia | 6A.5 |
| <i>Maruina</i> Müller, 1895 | 6A.8 |
| <i>masatierrensis</i> Satchell, 1952, Psychoda | 6A.12 |
| <i>Mecysmia</i> Enderlein, 1937 | 6A.9 |
| <i>minutissima</i> Enderlein, 1940, Psychoda | 6A.16 |
| <i>mopani</i> De Leon, 1950, Nemopalpus | 6A.3 |
| <i>moralesi</i> De Leon, 1950, Nemopalpus | 6A.3 |
| <i>Nemopalpus</i> Macquart, 1838 (lapsus) | 6A.3 |
| <i>Nemoneura</i> Tonnoir, 1929 | 6A.8 |
| <i>Nemopalpus</i> Macquart, 1938 | 6A.3 |
| <i>Neurosystasis</i> Satchell, 1955 | 6A.14 |
| <i>nigropunctata</i> Schiner, 1868, Pericoma | 6A.16 |
| <i>niveitarsis</i> Enderlein, 1937, Syntomoza | 6A.14 |
| <i>niveopunctata</i> Tonnoir, 1929, Pericoma | 6A.10 |
| <i>notata</i> Blanchard, 1852, Psychoda | 6A.16 |
| <i>pallens</i> Williston, 1896, Psychoda | 6A.16 |
| <i>pallidula</i> Tonnoir, 1929, Pericoma | 6A.10 |
| <i>pallipes</i> (Shannon & Del Ponte), 1927 (Bruchomyia), Nemopalpus | 6A.4 |
| <i>Parasetomima</i> Duckhouse, 1968 | 6A.8 |
| <i>parthenogenetica</i> Tonnoir, 1940, Psychoda | 6A.12 |
| <i>pedicillata</i> Satchell, 1956, Trichomyia | 6A.5 |
| <i>pelliticornis</i> Enderlein, 1937, Tonnoira | 6A.15 |
| <i>Pericoma</i> Walker, 1856 | 6A.8 |
| <i>peruviana</i> Alexander, 1929, Bruchomyia | 6A.2 |
| <i>phalaenoides</i> Tonnoir | 6A.12 |
| <i>Philosepedon</i> Eaton, 1904 | 6A.10, |
| | 6A.11 |



| | |
|---|-------|
| <i>pictipennis</i> Tonnoir, 1920, <i>Pericoma</i> | 6A.10 |
| <i>pilipes</i> Tonnoir, 1922, <i>Nemopalpus</i> | 6A.4 |
| <i>pilosella</i> Müller, 1895, <i>Maruina</i> | 6A.8 |
| <i>plaesia</i> Quate, 1959, <i>Psychoda</i> | 6A.12 |
| <i>platilobata</i> Tokunaga, 1957, <i>Psychoda</i> | 6A.13 |
| <i>Platyplastinx</i> Enderlein, 1937 | 6A.11 |
| <i>plaumanni</i> Alexander, 1944, <i>Bruchomyia</i> | 6A.3 |
| <i>plaumanni</i> (Duckhouse), 1968 (<i>Psychoda</i>), <i>Philosepedon</i> | 6A.11 |
| <i>Podolepria</i> Enderlein, 1937 | 6A.9 |
| <i>pseudocompar</i> Tonnoir, 1929, <i>Psychoda</i> | 6A.13 |
| <i>Psychoda</i> Latreille, 1796 | 6A.11 |
| <i>Psychodinae</i> | 6A.6 |
| <i>pulla</i> Rondani, 1864, <i>Psychoda</i> | 6A.16 |
| <i>punctata</i> (Philippi), 1865 (<i>Psychoda</i>), <i>Nemoneura</i> | 6A.8 |
| <i>punctatella</i> Townsend, 1897, <i>Psychoda</i> | 6A.16 |
| <i>Quatiella</i> Botosaneanu & Vaillant, 1970 | 6A.11 |
| <i>raretongensis</i> Satchell, 1953, <i>Psychoda</i> | 6A.13 |
| <i>rubiginosus</i> Quate, 1963, <i>Thrysocanthus</i> | 6A.15 |
| <i>satchelli</i> Barretto, 1956, <i>Sycorax</i> | 6A.6 |
| <i>savaiensis</i> Edwards, 1928, <i>Psychoda</i> | 6A.13 |
| <i>schoenemanni</i> Enderlein, 1937 (<i>Mecysmia</i>), <i>Pericoma</i> | 6A.10 |
| <i>scotina</i> Quate, 1959, <i>Psychoda</i> | 6A.13 |
| <i>scripta</i> Enderlein, 1937, <i>Alepiea</i> | 6A.6 |
| <i>sempunctata</i> Philippi, 1865, <i>Psychoda</i> | 6A.16 |
| <i>shannoni</i> Alexander, 1929, <i>Bruchomyia</i> | 6A.3 |
| <i>silvestrii</i> Holmgren, 1905, <i>Termitadelphos</i> | 6A.16 |
| <i>simillima</i> Tonnoir, 1929, <i>Psychoda</i> | 6A.13 |
| <i>simplex</i> Tonnoir, 1929, <i>Pericoma</i> | 6A.10 |
| <i>solox</i> Enderlein, 1937, <i>Platyplastinx</i> | 6A.11 |
| <i>sp. A</i> Quate & Wirth, 1951, <i>Maruina</i> | 6A.8 |
| <i>spathipenis</i> (Duckhouse), 1968 (<i>Psychoda</i>), <i>Philosepedon</i> | 6A.11 |
| <i>sp. Duckhouse</i> , 1968, <i>Alepiea</i> | 6A.6 |
| <i>sp. Dyar</i> , 1926 (as <i>phalaenoides</i>), <i>Psychoda</i> | 6A.13 |
| <i>sp. Fairchild</i> , 1955, <i>Sycorax</i> | 6A.6 |
| <i>speciosa</i> Tonnoir, 1929, <i>Pericoma</i> | 6A.10 |
| <i>spinosa</i> Müller, 1895, <i>Maruina</i> | 6A.8 |
| <i>squamitarsis</i> Tonnoir, 1929, <i>Pericoma</i> | 6A.10 |
| <i>squamosa</i> (Enderlein), 1937 (<i>Lepria</i>), <i>Trichomyia</i> | 6A.5 |
| <i>stellulatus</i> (Loew), 1854 (<i>Psychoda</i>), <i>Thrysocanthus</i> | 6A.15 |
| <i>subimaculata</i> Tonnoir, 1929, <i>Psychoda</i> | 6A.13 |
| <i>surcoufi</i> Tonnoir, 1922, <i>Psychoda</i> | 6A.13 |
| <i>Sycoracinae</i> | 6A.6 |
| <i>Sycorax</i> Haliday, 1839 | 6A.6 |
| <i>Synmormia</i> Enderlein, 1937 | 6A.9 |
| <i>Syntomolaba</i> Enderlein, 1937 | 6A.9 |
| <i>Syntemoza</i> Enderlein, 1937 | 6A.13 |
| <i>sziladyi</i> Tonnoir, 1940, <i>Nemopalpus</i> | 6A.4 |
| <i>Telmatoscopus</i> Eaton, 1904 | 6A.14 |
| <i>tenella</i> Philippi, 1865, <i>Psychoda</i> | 6A.16 |
| <i>terminalis</i> Satchell, 1955, <i>Telmatoscopus</i> | 6A.14 |



| | |
|--|-------|
| <i>Termitodipteron</i> Holmgren, 1905 | 6A.4 |
| tetradactylus Botosaneanu & Vaillant, 1970, Arisemus | 6A.7 |
| Thrysocanthus Enderlein, 1937 | 6A.15 |
| Tonnoira Enderlein, 1937 | 6A.15 |
| travassosi (Barretto), 1954 (Eubonetia), Trichomyia | 6A.5 |
| Trichomyia Haliday, 1839 | 6A.4 |
| Trichomyiinae | 6A.4 |
| tricolor (Knab), 1914 (Psychoda), Pericoma | 6A.10 |
| umbella Duckhouse, 1968, Parasetomima | 6A.8 |
| unicolor Barretto, 1950, Bruchomyia | 6A.3 |
| urbica Haliday | 6A.5 |
| ursula Müller, 1895, Maruina | 6A.16 |
| vargasi (Barretto), 1954 (Eubonetia), Trichomyia | 6A.5 |
| vazi (Barretto), 1954 (Eubonetia), Trichomyia | 6A.5 |
| venusta Weyenbergh, 1886, Psychoda | 6A.16 |
| verans Alexander, 1940, Nemopalpus | 6A.4 |
| viduata Tonnoir, 1929, Pericoma | 6A.10 |
| wasmanni (Holmgren), 1905 (Termitodipteron), Trichomyia | 6A.5 |
| zetoscota Quate, 1959, Psychoda | 6A.13 |

INDEX OF FOSSIL SPECIES

| | |
|---|-------|
| † antiquaria Quate, 1961, Trichomyia | 6A.16 |
| † declivivena Quate, 1963, Trichomyia | 6A.16 |
| † discalis Quate, 1963, Trichomyia | 6A.17 |
| † glomerosa Quate, 1963, Trichomyia | 6A.17 |
| † hurdi Quate, 1961, Brunettia | 6A.17 |
| † hurdi Quate, 1963, Telmatoscopus | 6A.17 |
| † labecula Quate, 1963, Philosepedon | 6A.17 |
| † mecocera Quate, 1963, Trichomyia | 6A.17 |
| † mexicana Quate, 1963, Philosepedon | 6A.17 |
| † smithi Quate, 1963, Trichomyia | 6A.17 |
| † sp. Quate, 1963, Psychoda | 6A.18 |
| † sp. Quate, 1963, Trichomyia | 6A.17 |
| † usitata Quate, 1963, Psychoda | 6A.18 |





SciELO

DEPARTAMENTO DE ZOOLOGIA, SECRETARIA DA AGRICULTURA. SÃO PAULO

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

7

FAMILY NYMPHOMYIIDAE

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These are small, delicate, elongate flies with short, clubbed antennae, vestigial mouthparts, eyes holoptic centrally and narrow wings fringed with long setae. Two asiatic species (*Nymphomyia alba* Tokunaga, 1932) from Japan and one from India (Brundin, 1966), and one North American (*Palaeodipteron walkeri* Ide, 1965) from New Brunswick, Canada, are known.

The larval stage is unknown, but is thought to live in rapids in the vicinity of which the Japanese species was taken. The adults of the North American species were taken from rapid water generally as paired, de-alated individuals with eggs attached to the female by stalks. The pupa, unlike that of typical Nematocera, has short, anteriorly-directed antennal sheaths (Tokunaga, 1959; Ide, 1965).

The family is placed in a separate suborder, Archidiptera, by Rohdendorf (1960).

No species is known south of Canada in the Western Hemisphere. An undescribed fly from Brazil [included by Ide in the North American catalogue, as belonging to Nymphomyiidae], however, resembles the Nymphomyiidae superficially but agrees more closely with *Ipomyia* Colless (1964). This West Australian species is tentatively placed in the family Cecidomyiidae by Colless with the observation that it may have close affinities with the Nymphomyiidae.

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SciELO

MUSEU DE ZOOLOGIA, UNIVERSIDADE DE SÃO PAULO

(Formerly Departamento de Zoologia, Secretaria da Agricultura,
São Paulo)A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

8

FAMILY BLEPHARICERIDAE

(BLEPHAROCERIDAE)

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Although the family Blephariceridae, or the *net-winged midges* has attracted the attention of numerous authors since its discovery in 1842, it remains poorly known even in regards to its basic internal classification and biology. Aside from the European fauna, with which our knowledge is most advanced, many discoveries of new species, stage associations and functional morphology are being made by today's students. This is certainly the case with Neotropical blepharicerid fauna, being the least studied of all the zoogeographic regions, in spite of the fact that, at present, 62 regional species in five genera are recognized, being a sizable percentage of the world's 520 species and 21 genera. Almost certainly however this is an unreal figure, considering the need to reexamine the disproportionately large number of species in the genus *Kelloggina* (= *Dimorphotarsa*). These were mostly described by Lutz (1920) and Lane & d'Andretta (1956), the former's material being almost entirely the immature stages, the latter's adults. Since roughly the same area of southeast Brazil is the range of all these species, numerous synonymies are suspected. If all the species are found to be valid, *Kelloggina*, an entirely Neotropical genus, would constitute the largest in the family.

It is not surprising that the immature stages are sooner encountered than the adults. The former are a conspicuous element of the epilithic fauna of torrential waters. The larvae (four instars) and pupae adhere in groups or singly to smooth rock surfaces in very swiftly flowing portions of streams and shallow rivers, usually at the brink or at the base of cataracts and small waterfalls. Algae and diatoms browsed from the substratum constitute the larva's food. The much more seldom seen adults rest on vegetation, under fallen logs and overhanging rocks, in hollow trees and in other protected, shady places. In flight they move swiftly and during peak emergences, numbers may be seen hovering in the spray below waterfalls or darting between perches and capturing

preys Normal mandibulate females feed on the blood of other small Diptera. Males, and those females of a few species which lack mandibles, probably take other natural liquids or do not feed.

The best summaries of general information on Blephariceridae is available in the works of Alexander (1963) and Mannheims (1935). A particularly important contribution to the family's classification and zoogeography was made by Alexander (1958) who is followed here with the exception of the separation of *Dimorphotarsa* from *Kelloggina*.

All citations to the 1920 work of Lutz, unless otherwise noted, pertain properly to the Portuguese version which has precedence over the German.

Type repositories are known for nearly all the regional species and are included in the listings. The following abbreviations have been used:

| | |
|-------|--|
| AMNH | American Museum of Natural History, New York, N.Y. |
| BMNH | British Museum (Natural History), London, England |
| BZM | Berliner Zoologisches Museum, Berlin, Germany |
| CU | Cambridge University, Cambridge, England |
| DEI | Deutsches Entomologisches Institut, Berlin, Germany |
| FSP | Faculdade de Saúde Pública (Departamento de Epidemiologia), Universidade de São Paulo, Brasil. |
| IMZ | Istituto e Museo di Zoologia, Università di Torino, Italy |
| IOC | Instituto Oswaldo Cruz, Rio de Janeiro, Guanabara, Brasil |
| KSR | Kungliga Svenska Riksmuseum, Stockholm, Sweden |
| MZUSP | Museu de Zoologia, Universidade de São Paulo, Brasil |
| NMW | Naturhistorisches Museum, Vienna, Austria |
| USNM | United States National Museum, Washington, D.C. |

Subfamily EDWARDSININAE

Genus EDWARDSINA Alexander

EDWARDSINA Alexander, 1920:2. Type-species, *chilensis* Alexander (mon.).

ARGENTINENSIS Alexander, 1922:10. Type-locality: Argentina, Mendoza, Rio Diamante. Distr. — Argentina (Mendoza). Ref. — Edwards, 1929: 47-48, pl. VII, figs. 35-36 (♂, ♀ genitalia). Type, Alexander's collection.

CHILENSIS Alexander, 1920:3, fig. 1 (wing.). Type-locality: Chile, Aisén, Rio Aisén. Distr. — Chile (Aisén). Ref. — Edwards, 1929:47 (redescription). Type, KSR.

CHILOTA, Edwards, 1929:50. Type-locality: Chile, Chiloé, Isla de Chiloé, 3 ml. s.w. of Castro. Distr. — Chile (Chiloé). Type, BMNH.

DENTULOSA Edwards, 1934:185. Type-localities (syntypes): Chile, Maule, Cauquenes; O'Higgins, Rancagua. Distr. — Chile (Maule, O'Higgins). Type, BZM, BMNH.

DISPAR Edwards, 1929:52, pls. V-VI, figs. 2, 4-5, 14, 18, 25-26, 31-34 (wing, ♂ and ♀ head, genitalia and hind tarsus, pupal and larval structures). Type-locality: Argentina, Rio Negro, Cerro Runge, w. of

San Carlos de Bariloche. Distr. — Argentina (Rio Negro). Type, BMNH.

FUSEIPES Edwards, 1929:48, pl. V, figs. 8-10 (♂ genitalia). Type-locality: Chile, Llanquihue, Casa Pangué, near summit of Rosales Pass. Distr. — Argentina (Rio Negro), Chile (Llanquihue). Type, BMNH.

GRACILIS Edwards, 1929:56, text-figs. 3a-b, pls. V-VI, figs. 3, 15-17, 20, 22, 27-28 (♂ and ♀ head, genitalia and hind tarsus, larval and pupal structures). Type-locality: Argentina, Rio Negro, Lago Correntoso. Distr. — Argentina (Rio Negro), Chile (Llanquihue). Type, BMNH.

IMPERATRIX Alexander, 1961:126. Type-locality: Argentina, Neuquen, Lago Lacar, 650 m. Distr. — Argentina (Neuquen). Type, Alexander's collection.

LUTEIPLEURA Alexander, 1953b:99. Type-locality: Chile, Malleco, Curacautin. Distr. — Chile (Malleco). Type, Alexander's collection.

NIGRA Edwards, 1929:60, text-fig. 18e, pls. V-VI, figs. 2, 6-7, 11-13, 21, 23-24, 31-34 (wing, ♂ and ♀ head, genitalia and hind tarsus, larval and pupal structures). Type-locality: Argentina, Rio Negro, foot of Sierra Ventana, between San Carlos de Bariloche and Lake Gutiérrez. Distr. — Argentina (Rio Negro). Ref. — Anthon & Lyneborg, 1968 (larval structures). Type, BMNH.

STIGMATICA Edwards, 1929:51, pls. V-VI, figs. 1, 19 (wing, ♀ genitalia). Type-locality: Chile, Chiloé, Isla de Chiloé, Ancud. Distr. — Chile (Chiloé). Type, BMNH.

SP. "A" Mannheims, 1938:330, fig. 2 (pupa and larva). Locality: Chile, (?Aisén), Rio Pasena (approximately 300 m from mouth), near Puerto Puyuhuapi. Specimens in DEI.

Subfamily PALTOSTOMINAE

Genus *ELPORIA* Edwards

ELPORIA Edwards, 1915:203. Type-species, *Kelloggina barnardi* Edwards (orig. des.).

ELNORAE (Edwards), 1929:67, pls. VII-VIII, figs. 50, 54-55 (♂ genitalia, hind tarsus) (*Curupira*). Type-locality: Argentina, Misiones, slide streams of Iguazú Falls. Distr. — Argentina (Misiones). Type, BMNH.

Genus *KELOGGINA* Williston

Snowia Williston, 1893:119 (preocc. Neumoegan, 1884). Type-species, *rufescens* Williston (orig. des.).

Curupira Osten Sacken, 1895:162 (preocc. Distant, 1888). Type-species, *Paltostoma torrentium* Müller (orig. des.).

Sackeniella Williston, 1896:270 (nom. nov. for *Snowia* Williston, but preocc. Neunier, 1895). Type-species, *Snowia rufescens* Williston (aut.).

KELOGGINA Williston, 1907:1 (nom. nom. for *Snowia* Williston). Type-species, *Snowia rufescens* Williston (aut.).



- Dimorphotarsa* Lutz, 1920 (Portuguese version): 29. Type-species, *fascibranchia* Lutz (sub. des.; Alexander, 1958:820).
- Dimorphotaenia* Lutz, 1920 (German translation): 26 (lapsus for *Dimorphotarsa* Lutz).
- BOCAINAE (Lutz), 1920:30, pl. 1, figs. 14-20 (egg, pupal and larval structures, ♀ head, thorax and leg) (*Curupira*). Type-locality: Brazil, São Paulo, Serra da Bocaina (exact locality unknown). Distr. — Brazil (São Paulo). Ref. — Lane & d'Andretta, 1956:180, fig. 1 (♂ genitalia) (redescription). Type, IOC.
- BREVICORNIA (Edwards), 1929:66, pls. VII-VIII, figs. 51-53 (♂ genitalia and hind tarsus) (*Curupira*). Type-locality: Argentina, Misiones, side streams of Iguazu Falls. Distr. — Argentina (Misiones). Type, BMNH.
- BREVIVECTIS (Lutz), 1920:35, pl. 7, figs. 98-105 (pupal and larval structures, ♂ head and thorax, ♀ head, thorax and abdomen) (*Curupira*). Type-localities (syntypes): Brazil, Santa Catarina, Salto do Pirai, near Joinville, and Rio dos Bugres, near São Bento do Sul. Distr. — Brazil (Santa Catarina). Type, IOC.
- CATAGUASI Lane & d'Andretta, 1956:181, fig. 2 (♂ genitalia). Type-locality: Brazil, Rio de Janeiro, Itatiaia, Cachoeira Simões, 1150 m. Distr. — Brazil (Rio de Janeiro). Type, FSP.
- CHERENTESI Lane & d'Andretta, 1956:183, fig. 3 (♂ genitalia). Type-locality: Brazil, Rio de Janeiro, Alto do Itatiaia, Cachoeira Bonita, 2100 m. Distr. — Brazil (Rio de Janeiro). Type, FSP.
- CHILENA (Alexander), 1952:93 (*Curupira*). Type-locality: Chile, Santiago, Santiago. Distr. — Chile (Santiago). Type, Alexander's collection.
- DISTICHA (Lutz), 1920:34, pls. 5-6, figs. 77-78 (pupal and larval structures, ♂, ♀ hind legs and ♀ thorax and abdomen) (*Curupira*). Type-localities (syntypes): Brazil, Santa Catarina, Rios Paulo-Mirim and Hansa (Corupá). Distr. — Brazil (Santa Catarina). Type, IOC.
- EDWARDSI Lane & d'Andretta, 1956:184, fig. 4 (♂ genitalia). Type-locality: Brazil, Rio de Janeiro, Itatiaia, Rio Campo Belo, 750 m. Distr. — Brazil (Rio de Janeiro). Type, FSP.
- FASCIBRANCHIA (Lutz), 1920:29, pl. 1, figs. 1-13 (pupal and larval structures, ♂, ♀ head and hind legs) (*Dimorphotarsa*). Type-localities (syntypes): Brazil, Rio de Janeiro, "... small stream with many cataracts which issues from the Serra da Estrêla by the station Raiz da Serra of the Leopoldina Company, and in the Rio Macacu near the falls by the railway from Nova Friburgo". Distr. — Brazil (RJ). Type, IOC.
- GARCIANA (Lutz), 1920:35, pl. 7, figs. 106-111 (pupal and larval structures, ♂, ♀ thoraxes and abdomens, whole ♂) (*Curupira*). Type-localities (syntypes): Brazil, Santa Catarina, Rios Garcia and Jordão (Blumenau), Salto do Pirai, and near São Bento do Sul. Distr. — Brazil (Santa Catarina). Type, IOC.
- GOMEZI Lane & d'Andretta, 1956:186, fig. 5 (♂ genitalia). Type-locality: Brazil, Minas Gerais, Caparaó, Córrego Candeias, 2100 m. Distr. — Brazil (Minas Gerais). Type, FSP; paratypes, BMNH, USNM, IOC, MZUSP.

- GRANULIPUPA (Lutz), 1920:31, pls. 2-3, figs. 31-45 (egg, pupal and larval structures, ♂ thorax, leg, antenna, ♀ leg (*Curupira*). Type-locality: Brazil, São Paulo, Serra da Bocaina (exact locality unknown). Distr. — Brazil (São Paulo). Type, IOC.
- GUAIANASI Lane & d'Andretta, 1956:187, fig. 6 (♂ genitalia). Type-locality: Brazil, Rio de Janeiro, Alto do Itatiaia, Cachoeira das Flores, 2500 m. Distr. — Brazil (Rio de Janeiro). Type, FSP; paratypes, BMNH, USNM.
- GUARANI Lane & d'Andretta, 1956:188, fig. 7 (♂ genitalia). Type-locality: Brazil, São Paulo, Juquiá, Salto do Açungul, 100 m. Distr. — Brazil (São Paulo). Type, FSP; paratypes, BMNH, USNM, IOC, MZUSP.
- HIRTIPUPA (Lutz), 1920:31, pl. 2, figs. 21-30 (egg, pupal and larval structures, ♂ leg, ♀ head, leg) (*Curupira*). Type-localities (syntypes): Brazil, São Paulo, Serra da Bocaina ("various streams"); Minas Gerais, Pacau, Serra da Mantiqueira. Distr. — Brazil (Minas Gerais, São Paulo). Type, IOC.
- HORRENS (Lutz), 1920:32, pls. 3-4, figs. 46-53 (pupal and larval structures) (*Curupira*). Type-locality: Brazil, São Paulo, Serra da Bocaina (exact locality unknown). Distr. — Brazil (São Paulo). Type, IOC.
- INCERTA (Lutz), 1920:33, pl. 4, fig. 66 (pupal structures) (*Curupira*). Type-locality: Brazil, São Paulo, Serra da Bocaina (exact locality unknown). Distr. — Brazil (São Paulo). Type, IOC.
- LAEMMERT Lane & d'Andretta, 1956:190, fig. 8 (♂ genitalia). Type-locality: Brazil, Rio de Janeiro, Itatiaia, Rio Campo Belo, 1800 m. Distr. — Brazil (Rio de Janeiro). Type, FSP; paratypes, BMNH, USNM, IOC, MZUSP.
- LORENZI (Lutz), 1920:37 (*Dimorphotarsa*). Type-locality: Brazil, Santa Catarina, Engano. Distr. — Brazil (Rio de Janeiro, Santa Catarina). Ref. — Lane & d'Andretta, 1956:191 (redescription), fig. 8 (♂ genitalia). Type, IOC.
- MOCHLURA (Lutz), 1920:32, pls. 4, 7, figs. 54-65, 112-113 (pupal and larval structures, ♂, ♀ whole) (*Curupira*). Type-localities (syntypes): Brazil, Guanabara, Rio de Janeiro (Corcovado, Serra da Tijuca, Morin districts); São Paulo, Serra da Bocaina. Distr. — Brazil (Guanabara, São Paulo). Refs. — Lane & d'Andretta, 1956:193 (redescription), fig. 11 (♂ genitalia); Pinto, 1933:177, fig. 1 (♂ genitalia). Type, IOC.
- MUELLERI (Lutz), 1920:35, pl. 6, figs. 95-97 (egg, pupal and larval structures) (*Curupira*). Type-localities (syntypes): Brazil, Santa Catarina, Rios Jordão and Garcia. Distr. — Brazil (Santa Catarina). Type, IOC.
- PLURIPUNCTATA (Lutz), 1920:34, pl. 6, figs. 88-90 (pupal and larval structures, ♂ thorax and abdomen) (*Curupira*). Type-localities (syntypes): Brazil, Santa Catarina, Hansa (= Corupá), Rios Paulo and Paulo-Mirim, and Salto do Pirai, near Joinville. Distr. — Brazil (Santa Catarina). Type, IOC.
- RABELLOI Lane & d'Andretta, 1956:195, fig. 11 (♂ genitalia). Type-locality: Brazil, São Paulo, Ilha de São Sebastião, Ihabela, 300 m. Distr. — Brazil (São Paulo). Type, FSP.

- RUFESCENS (Williston), 1893:120 (*Snowia*). Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil (Guanabara). Type, ?
- SHANNONI Lane & d'Andretta, 1956:195, fig. 12 (♂ genitalia). Type-locality: Brazil, Rio de Janeiro, Itatiaia, Cachoeira Simões, 1500 m. Distr. — Brazil (Rio de Janeiro, São Paulo). Type, FSP; paratypes, BMNH, USNM, IOC, MZUSP.
- SPINIVECTIS (Lutz), 1920:35, pl. 6, figs. 91-94 (pupal and larval structures) (*Curupira*). Type-localities (syntypes): Brazil, Santa Catarina, near Hansa (= Corupá), Rios Paulo and Paulo-Mirim. Distr. — Brazil (Santa Catarina). Type, IOC.
- TAMOIOI Lane & d'Andretta, 1956:198, fig. 13 (♂ genitalia). Type-locality: Brazil, Rio de Janeiro, Itatiaia, Rio Campo Belo, 750 m. Distr. — Brazil (Rio de Janeiro). Type, FSP.
- TAPUIASI Lane & d'Andretta, 1956:198, fig. 14 (♂ genitalia). Type-locality: Brazil, Minas Gerais, Caparaó, Cachoeira da Fumaça, 1800 m. Distr. — Brazil (Minas Gerais). Type, FSP.
- TETRAGONURA (Lutz), 1920:36 (*Dimorphotarsa*). Type-locality: Brazil, Santa Catarina, near São Bento do Sul, Rio dos Bugres. Distr. — Brazil (Santa Catarina). Type, IOC.
- TETRASTICHA (Lutz), 1920:33, pl. 5, figs. 68-76 (pupal and larval structures, ♀ thorax, leg) (*Dimorphotarsa*). Type-locality: Brazil, Santa Catarina, near Blumenau, Rio Garcia. Distr. — Brazil (Santa Catarina). Note — Probably = *torrentium* Müller, in part. Type, IOC.
- TIMBIRA Lane & d'Andretta, 1956:201, fig. 15 (♂ genitalia). Type-locality: Brazil, Rio de Janeiro, Itatiaia, Cachoeira Bonita, 2100 m. Distr. — Brazil (Rio de Janeiro). Type, FSP.
- TORRENTIUM (Müller), 1881a:47-85, 147-151, pls. IV-VII (all stages) (*Pal-tostoma*). Type-localities (syntypes): Brazil, Santa Catarina, Rios Garcia, Jordão and Caeté. Distr. — Brazil (Santa Catarina). Note. — Müller's material contained more than one species (Lutz, 1912: 83); at least one of these is recognizable as one subsequently redescribed and renamed by Lutz (1920). However, the taxonomic actions required to establish the identity of *torrentium* and those species confused with it must await a revisionary study. Refs. — Müller, 1880:37-42 (additional on dimorphic female eye structure); Osten Sacken, 1880:130-132, 1881:206 (criticism of Müller's description of dimorphic females); Müller, 1881b:225-226 (reaction to Osten Sacken's criticism). Types, apparently all lost.
- TRAVASSOSI Lane & d'Andretta, 1956:202, fig. 16 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão, Eugênio Lefevre, 1200 m. Distr. — Brazil (São Paulo). Type, FSP.
- WILLISTONI Lane & d'Andretta, 1956:202, fig. 17 (♂ genitalia). Type-locality: Brazil, Rio de Janeiro, Itatiaia, Rio Campo Belo, 1800 m, and Maromba, 100 m. Distr. — Brazil (Rio de Janeiro). Type, FSP; paratypes, BMNH, USNM, IOC, MZUSP.

Genus LIMONICOLA Lutz

- LIMONICOLA Lutz, 1928:67. Type-species, *plurivectis* Lutz (mon.).
- LEUCOPTERA Edwards, 1929:73, pl. VII, figs. 39, 41, 49 (♂ head, wing, leg). Type-locality: Peru, Lima, Verrugas Canyon, approximately 5000 feet. Distr. — Peru (Lima). Type, BMNH.

PLURIVECTIS Lutz, 1928:67, pl. 10, figs. 103, pl. 11, fig. 104 (egg, pupal and larval structures, ♂ whole, ♀ claws). Type-locality: Venezuela, Aragua, near Maracay, Rio Limón. Distr. — Venezuela (Aragua). Type, ?IOC.

Genus PALTOSTOMA Schiner

- PALTOSTOMA Schiner, 1866:931. Type-species, *superbiens* Schiner (orig. des.). Ref. — Schiner, 1868:27 (redescription).
- ARGYROCINCTA Curran, 1927:1. Type-locality: Puerto Rico, Rio Grande. Distr. — Puerto Rico. Ref. — Edwards, 1929:68 (redescription; erroneously cited from "Costa Rica"). Type, AMNH.
- BELLARDII Bezzi, 1913:63. Type-locality: "Mexico" (exact locality unknown). Distr. — Mexico. Type, IMZ.
- DELECTATA Alexander, 1953a:47. Type-locality: Costa Rica, San José, Rivas, Rio Buena Vista. Distr. — Costa Rica (San José). Type, Alexander's collection.
- LOBATA Edwards, 1929:70, pls. VII-VIII, figs. 38, 43, 46-47, 58-59 (wing, ♂ genitalia, leg, ♀ mouthparts, leg). Type-locality: Peru, Lima, Verrugas Canyon, approximately 5000 feet. Distr. — Peru (Lima). Type, BMNH.
- PARVICEPS Alexander, 1953a:46. Type-locality: Peru, Junín, Carpapata, Tarma, 2600 m. Distr. — Peru (Junín). Type, Alexander's collection.
- SALTANA Edwards, 1929:71, pl. VII, figs. 37, 42, 48, 62-65 (pupal and larval structures, ♀ wing, mouthparts, leg, genitalia). Type-locality: Argentina, Salta, Quebrada San Lorenzo. Distr. — Argentina (Salta). Type, BMNH.
- SCHINERI Williston, 1896:269, pl. VIII, fig. 27 (♂ genitalia, wing). Type-locality: St. Vincent, West Indies. Distr. — St. Vincent. Type, BMNH.
- SCHINERI Williston of Scott, 1915:181-195, 197-202, pls. IX-XI, figs. 1-15 (pupal and larval structures, ♂ wing, head, leg, genitalia) and Lamb, 1915:195-197, pl. XI, figs. 16-17. Locality: Trinidad, Diego Martin. Specimens in BMNH and CU. Note. — A misidentification, probably an undescribed species. Ref. — Edwards, 1929:68 (redescription); Stone, 1966:294 (key).
- SHANNONI Edwards, 1929:69, pls. VII-VIII, figs. 44-45, 56-57 (♂ wing, leg, genitalia). Type-locality: Peru, Lima, Verrugas Canyon, approximately 5000 feet. Distr. — Peru (Lima). Type, BMNH.
- SUPERBIENS Schiner, 1866:931. Type-locality: "Colombia" (exact locality unknown). Distr. — Colombia. Ref. — Schiner, 1868:28 (redescription). Type, NMW.
- SP. A Stone, 1966:294. Locality: Dominica, Fond Figes River and Springfield Estate. Specimens in USNM. Note. — larvae only.
- SP. B Stone, 1966:294. Locality: Dominica, Fond Figes River. Specimens in USNM. Note. — Larvae only.
- SP. C Stone, 1966:294. Locality: Dominica, Antrim, 1000 feet. Specimens in USNM. Note. — Probably adults of species A or B of Stone.

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INDEX

| | |
|--|-----|
| argentinensis Alexander, 1922, Edwardsina | 8.2 |
| argyrocineta Curran, 1927, Paltostoma | 8.7 |
| bellardii Bezzi, 1913, Paltostoma | 8.7 |
| bocainae (Lutz), 1920 (Curupira), Kelloggina | 8.4 |
| brevicornia (Edwards), 1929 (Curupira), Kelloggina | 8.4 |
| brevivectis (Lutz), 1920 (Curupira), Kelloggina | 8.4 |
| cataguasi Lane & d'Andretta, 1956, Kelloggina | 8.4 |
| cherentesi Lane & d'Andretta, 1956, Kelloggina | 8.4 |
| chilena (Alexander), 1952 (Curupira), Kelloggina | 8.4 |
| chilensis Alexander, 1920, Edwardsinina | 8.2 |
| chilota Edwards, 1929, Edwardsinina | 8.2 |
| Curupira Osten Sacken, 1895 | 8.3 |
| delectata Alexander, 1953a, Paltostoma | 8.7 |
| dentulosa Edwards, 1934, Edwardsinina | 8.2 |
| Dimorphotaenia Lutz, 1920 | 8.4 |
| Dimorphotarsa Lutz, 1920 | 8.4 |
| dispar Edwards, 1929, Edwardsinina | 8.2 |
| disticha (Lutz), 1920 (Curupira), Kelloggina | 8.4 |
| edwardsi Lane & d'Andretta, 1956, Kelloggina | 8.4 |
| Edwardsinina Alexander, 1920 | 8.2 |
| elnorae (Edwards), 1929 (Curupira), Elporia | 8.3 |
| Elporia Edwards, 1915 | 8.3 |
| fascibranchia (Lutz), 1920 (Dimorphotarsa), Kelloggina | 8.4 |
| fuscipes Edwards, 1929, Edwardsinina | 8.3 |
| garciana (Lutz), 1920 (Curupira), Kelloggina | 8.4 |
| gomezi Lane & d'Andretta, 1956, Kelloggina | 8.4 |



| | |
|--|-----|
| <i>gracilis</i> Edwards, 1929, Edwardsinina | 8.3 |
| <i>granulipupa</i> (Lutz), 1920 (Curupira), Kelloggina | 8.5 |
| <i>guaianasi</i> Lane & d'Andretta, 1956, Kelloggina | 8.5 |
| <i>guarani</i> Lane & d'Andretta, 1956, Kelloggina | 8.5 |
| <i>hirtipupa</i> (Lutz), 1920 (Curupira), Kelloggina | 8.5 |
| <i>horrens</i> (Lutz), 1920 (Curupira), Kelloggina | 8.5 |
| <i>imperatrix</i> Alexander, 1961 Edwardsinina | 8.3 |
| <i>incerta</i> (Lutz), 1920 (Curupira), Kelloggina | 8.5 |
| <i>Kelloggina</i> Williston, 1907 | 8.3 |
| <i>laemmerti</i> Lane & d'Andretta, 1956, Kelloggina | 8.5 |
| <i>leucoptera</i> Edwards, 1929, Limonicola | 8.6 |
| <i>Limonicola</i> Lutz, 1928 | 8.6 |
| <i>lobata</i> Edwards, 1929, Paltostoma | 8.7 |
| <i>lorenzi</i> (Lutz), 1920 (Dimorphotarsa), Kelloggina | 8.5 |
| <i>luteipleura</i> Alexander, 1953b, Edwardsinina | 8.3 |
| <i>mochlura</i> (Lutz), 1920 (Curupira), Kelloggina | 8.5 |
| <i>muelleri</i> (Lutz), 1920 (Curupira), Kelloggina | 8.5 |
| <i>nigra</i> Edwards, 1929, Edwardsinina | 8.3 |
| <i>Paltostoma</i> Schiner, 1866 | 8.7 |
| <i>Paltostominae</i> | 8.3 |
| <i>parviceps</i> Alexander, 1953a, Paltostoma | 8.7 |
| <i>pleurivectis</i> Lutz, 1928, Limonicola | 8.7 |
| <i>pluripunctata</i> (Lutz), 1920 (Curupira), Kelloggina | 8.5 |
| <i>rabelloi</i> Lane & d'Andretta, 1956, Kelloggina | 8.5 |
| <i>rufescens</i> (Williston), 1893 (Snowia), Kelloggina | 8.6 |
| <i>Sackeniella</i> Williston, 1896 | 8.3 |
| <i>saltana</i> Edwards, 1929, Paltostoma | 8.7 |
| <i>schineri</i> Williston, 1896, Paltostoma | 8.7 |
| <i>schineri</i> Williston, of Scott, 1915, Paltostoma | 8.7 |
| <i>shannoni</i> Edwards, 1929, Paltostoma | 8.7 |
| <i>shannoni</i> Lane & d'Andretta, 1956, Kelloggina | 8.6 |
| <i>Snowia</i> Williston, 1893 | 8.3 |
| sp. "A" Mannheims, 1938, Edwardsina | 8.3 |
| sp. A Stone, 1966, Paltostoma | 8.7 |
| sp. B Stone, 1966, Paltostoma | 8.7 |
| sp. C Stone, 1966, Paltostoma | 8.7 |
| <i>spinivectis</i> (Lutz), 1920 (Curupira), Kelloggina | 8.6 |
| <i>stigmatica</i> Edwards, 1929, Edwardsinina | 8.3 |
| <i>superbiens</i> Schiner, 1866, Paltostoma | 8.7 |
| <i>tamoioi</i> Lane & d'Andretta, 1956, Kelloggina | 8.6 |
| <i>tapuiasi</i> Lane & d'Andretta, 1956, Kelloggina | 8.6 |



| | |
|--|-----|
| tetragonura (Lutz), 1920 (Dimorphotarsa), Kelloggina | 8.6 |
| tetrasticha (Lutz), 1920 (Dimorphotarsa), Kelloggina | 8.6 |
| timbira Lane & d'Andretta, 1956, Kelloggina | 8.6 |
| torrentium (Müller), 1881a (Paltostoma), Kelloggina | 8.6 |
| travassosi Lane & d'Andretta, 1956, Kelloggina | 8.6 |
| willistoni Lane & d'Andretta, 1956, Kelloggina | 8.6 |



DEPARTAMENTO DE ZOOLOGIA, SECRETARIA DA AGRICULTURA, SÃO PAULO

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

10

FAMILY DIXIDAE

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The family Dixidae comprises rather small, slender, nearly bare nematocerous flies found in the vicinity of the streams or pools in which their larvae develop. The adults rest on rocks or foliage near the water or swarm over the water. The larvae rest at the water's edge in an inverted U-shape and the pupae are attached to the substratum slightly above the water surface. The family has been treated rather fully by Nowell (1951) (biology, anatomy, taxonomy, catalogue), and Lane (1953) revised the group in the Neotropics as a subfamily of the Culicidae.

Genus DIXELLA Dyar & Shannon

Dixa, subg. DIXELLA Dyar & Shannon, 1924:201. Type-species, *Dixa lirio* Dyar & Shannon (mon). [*Dixella* was considered as subgenus of *Dixa* in the North American catalogue. Eds.]

Dixa, subg. *Paradixa* Tonnoir, 1924:222. Type-species, *Dixa neozelandica* Tonnoir (Edwards, 1932:9).

ANDEANA (Lane), 1942:94, fig. 5, pl. 2, fig. 1 (wing, male genitalia) (*Dixa*). Type-locality: Peru, Loreto, Iquitos. Distr. — Peru.

ARGENTINA (Alexander), 1920:294 (*Dixa*). Type-locality: Argentina, Cordoba, La Granja, Alta Graia. Distr. — Argentina (Cordoba, San Juan, Salta). Ref. — Lane, 1953:45, figs. 19-20 (wing, male genitalia).

ATRA (Lane), 1942:93, pl. 1, fig. 5 (wing) (*Dixa*). Type-locality: Panama, Gatun Lake, Cano Saddle. Distr. — Panama, Argentina.

CHAFADENSIS (Lane), 1939:99, figs. 1-3 (wing, male genitalia) (*Dixa*). Type-locality: Brazil, Mato Grosso, Ponee, Pontinha. Distr. — Brazil (Mato Grosso, São Paulo).

10.1

MUSEU DE ZOOLOGIA - USP
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- CLAVULUS (Williston), 1896:298, fig. 73 (wing) (*Dixa*). Type-locality: St. Vincent (B.W.I.). Distr. — British West Indies.
- HOFFMANI (Lane), 1942:95, pl. 2, fig. 2 (wing) (*Dixa*). Type-locality: Puerto Rico, Pueblo Viejo. Distr. — Puerto Rico.
- LIMAI (Santos), 1940:21, figs. 1-7 (wing, larva, pupa) (*Dixa*). Type-locality: Brazil, Minas Gerais, Uberaba. Distr. — Brazil (Mato Grosso, Bahia, Minas Gerais, São Paulo). Ref. — Lane, 1953:56, figs. 36-39 (wing, male genitalia, pupa).
- LIRIO (Dyar & Shannon), 1924:200 (*Dixa*). Type-locality: Panama, Canal Zone, Monte Lirio. Distr. — Panama. Ref. — Lane, 1953:40, fig. 15 (male genitalia).
- PAULISTANA (Lane, Forattini & Rabello), 1955:113, figs. 1-5 (wing, male genitalia, pupa, larva) (*Dixa*). Type-locality: Brazil, São Paulo, Capital, Campo Experimental da Água Funda, Departamento de Produção Animal. Distr. — Brazil (São Paulo), Argentina (Misiones).
- PERUVIANA (Edwards), 1931:261 (*Dixa*). Type-locality: Peru, Lima, Verugas. Distr. — Peru.
- SHANNONI (Lane), 1942:88 (*Dixa*). Type-locality: Costa Rica, San Mateo, Higuito. Distr. — Costa Rica. Ref. — Lane, 1953:51, figs. 26-27 (wing, male genitalia).
- TORRENTIA (Lane), 1939:101, figs. 4-5 (palpus, male genitalia) (*Dixa*). Type-locality: Brazil, São Paulo, Juquiá, Salto do Poço Grande. Distr. — Brazil (Rio de Janeiro, São Paulo). Ref. — Lane, 1953:55, figs. 7, 34, 35 (male, wing, male genitalia).
- TRINITENSIS (Lane), 1943:162, figs. 1-2 (wing, male genitalia) (*Dixa*). Type-locality: Trinidad, near Piasco (B.W.I.). Distr. — Trinidad (B.W.I.), Brazil (Bahia). Ref. — Lane, 1953:42, figs. 16-18 (wing, male genitalia, pupa, larva).
- VENEZUELENSIS (Lane), 1942:91, fig. 3, pl. 1, fig. 4 (wing, male genitalia) (*Dixa*). Type-locality: Venezuela, Maracay. Distr. — Costa Rica, Venezuela.
- WYGODZINSKYI (Lane), 1945:444, figs. 1-5 (wing, pupa, larva) (*Dixa*). Type-locality: Brazil, São Paulo, Campos do Jordão, Vila Capivari. Distr. — Brazil.

Genus NOTHODIXA Edwards

- Dixa*, subg. NOTHODIXA Edwards, 1920:101. Type-species, *Dixa campbelli* Alexander (orig. des.).
- ATROVITTATA (Edwards), 1930:105, pl. 10, fig. 19 (male genitalia) (*Dixa*). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina, Chile (Chiloé, Llanquihue, Concepción). Ref. — Lane, 1953:39, fig. 12 (wing).
- CHILENSIS (Alexander), 1913:177, fig. (wing) (*Dixa*). Type-locality: Chilc, Concepción. Distr. — Argentina (Rio Negro), Chile (Concep-

ción, *Aeoneagua*). Ref. — Lane, 1953:36, figs. 8-9 (wing, male genitalia).

ENSIFERA (Edwards), 1930:103, fig. 5, pl. 10, figs. 13, 17 (male and female genitalia) (*Dixa*). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile (Llanquihue, Chiloe). Ref. — Lane, 1953:39, figs. 13, 14 (wing, male genitalia).

NITIDA (Edwards), 1930:102, pl. 10, figs. 14, 15, 16, 18 (male genitalia, female abdomen) (*Dixa*). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina (Rio Negro), Chile (Llanquihue). Ref. — Lane, 1953:83, pl. 1, fig. 1 (wing).

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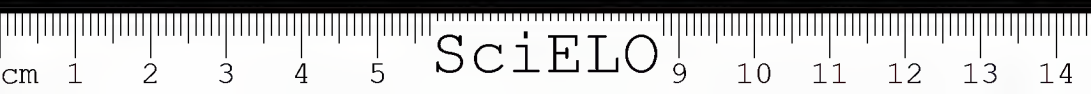
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INDEX

| | |
|--|------|
| andean (Lane), 1942 (Dixa), Dixella | 10.1 |
| argentina (Alexander), 1920 (Dixa), Dixella | 10.1 |
| atra (Lane), 1942 (Dixa), Dixella | 10.1 |
| atrovittata (Edwards), 1930 (Dixa), Nothodixa | 10.2 |
| chapadensis (Lane), 1939 (Dixa), Dixella | 10.1 |
| chilensis (Alexander), 1913 (Dixa), Nothodixa | 10.2 |
| clavulus (Williston), 1896 (Dixa), Dixella | 10.2 |
| Dixella Dyar & Shannon, 1924 | 10.1 |
| ensifera (Edwards), 1930 (Dixa), Nothodixa | 10.3 |
| hoffmani (Lane), 1942 (Dixa), Dixella | 10.2 |
| limai (Santos), 1940 (Dixa), Dixella | 10.2 |
| lirio (Dyar & Shannon), 1924 (Dixa), Dixella | 10.2 |
| nitida (Edwards), 1930 (Dixa), Nothodixa | 10.3 |
| Nothodixa Edwards, 1930 | 10.2 |
| <i>Paradixa</i> Tonnoir, 1924 | 10.1 |
| paulistana (Lane, Forattini & Rabello), 1955 (Dixa), Dixella ... | 10.2 |
| peruviana (Edwards), 1931 (Dixa), Dixella | 10.2 |
| shannoni (Lane), 1942 (Dixa), Dixella | 10.2 |
| torrentia (Lane), 1939 (Dixa), Dixella | 10.2 |
| trinitensis (Lane), 1943 (Dixa), Dixella | 10.2 |
| venezuelensis (Lane), 1942 (Dixa), Dixella | 10.2 |
| wygodzinskyi (Lane), 1942 (Dixa), Dixella | 10.2 |



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11

FAMILY CHAOBORIDAE

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This family of mostly small, fragile, non-biting midges is closely related to the mosquitoes and is often treated as a subfamily of the Culicidae. The larvae live in quiet-water habitats varying from lakes to the water held in bamboo nodes or plant axils. At times the adults may occur in immense numbers, the swarms creating a nuisance. Lane & Aitken (1956) treated the bionomics of a number of species in Trinidad. Most of the Neotropical species are described and keyed by Lane (1953).

Subfamily CORETHRELLINAE

Genus CORETHRELLA Coquillett

CORETHRELLA Coquillett, 1902:191. Type-species, *Corcthra brakeleyi* Coquillett (orig. des.).

ANANACOLA Dyar, 1926:150. Type-locality: Panama, Canal Zone, Gatun Lake. Distr. — Trinidad (B.W.I.), Panama, Peru (Loreto), Venezuela. Ref. — Lane, 1953:83, figs. 51, 52 (pupa, larva).

inca Lane, 1939a:103. Type-locality: Peru, Loreto, Iquitos.

APPENDICULATA Grabham, 1906:343, figs. 1-2 (larva). Type-locality: Jamaica, Kingston (B.W.I.). Distr. — U.S.A. (North Carolina to Florida), Grenada, Jamaica, Martinique, Hispaniola (Santo Domingo), Puerto Rico, Panama, Brazil (Goiás, Amazonas), Argentina (Tucumán). Ref. — Lane, 1942:113.

arboREALIS Shannon & Del Ponte, 1928:102. Type-locality: Argentina, Tucumán, Vipos.

confusa Lanc, 1939a:109. Type-locality: Brazil, Goiás, Inhumas.

BLANDA Dyar, 1928:79. Type-locality: Panama, Las Sabañas. Distr. — Panama, Trinidad (B.W.I.). Ref. — Lane & Aitken, 1957:530 (female).



11.1

- BROMELICOLA** Lane, 1939a:108. Type-locality: Brazil, São Paulo, Juquiá, Poço Grande. Distr. — Brazil (Bahia, Espírito Santo, São Paulo). Ref. — Lane, 1942:107, pl. 3, fig. 4; pl. 4, fig. 1 (pupa, larva).
- CARDOSI** Lane, 1942:118. Type-locality: Brazil, São Paulo, Casa Grande. Distr. — Brazil (Bahia, Rio de Janeiro, São Paulo), Trinidad (B.W.I.).
- DOWNSI** Lane, 1943:164. Type-locality: Trinidad, Montevideo (B.W.I.). Distr. — Trinidad (B.W.I.), Panama. Refs. — Lane, 1953:77, fig. 49 (pupa); Lane & Aitken, 1957:530, fig. 1 (male genitalia).
- DYARI** Lane, 1942:125. Type-locality: Panama, Canal Zone, Darien. Distr. — Panama.
- EDWARDSI** Lane, 1942:126. Type-locality: Brazil, Mato Grosso. Distr. — Brazil (Mato Grosso, Minas Gerais).
- FLAVITIBIA** Lane, 1939a:392. Type-locality: Brazil, São Paulo, Juquiá. Distr. — Mexico (Chiapas), Trinidad (B.W.I.), Panama, Brazil (São Paulo). Ref. — Lane & Aitken, 1957:531, figs. 2-4 (male genitalia, pupa, larva).
- FULVA** Lane, 1939a:107, figs. 9-10 (male genitalia). Type-locality: Brazil, São Paulo, Capital, Perus. Distr. — Brazil (Bahia, São Paulo). Ref. — Lane, 1953:69, figs. 42-45 (wing, male genitalia, pupa, larva).
- INFUSCATA** Lane, 1939b:389. Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil (São Paulo). Ref. — Lane, 1942:103, pl. 3, fig. 6 (pupa).
- IZQUIERDOI** Vargas, 1952:59, fig. 2 (male genitalia, wing). Type-locality: Mexico, Tabasco, Tenosique. Distr. — Mexico (Tabasco).
- JENNINGSI** Lane, 1942:106. Type-locality: Panama, Canal Zone. Distr. — Trinidad (B.W.I.), Costa Rica, Panama, Colombia. Ref. — Lane & Aitken, 1957:533, figs. 5-7 (male genitalia, pupa, larva).
- KUMMI** Lane, 1942:121. Type-locality: Brazil, Bahia. Distr. — Brazil (Bahia), Argentina (Salta).
- LANEANA** Vargas, 1946:64, 2 pls. (wing, head, male genitalia). Type-locality: Mexico, Nuevo León, Monterrey. Distr. — U.S.A. (s. California), Mexico (Nuevo León). Ref. — Belkin & McDonald, 1955:82, pl. 26 (larva, pupa).
- LOPESI** Lane, 1942:117. Type-locality: Brazil, Rio de Janeiro, Angra dos Reis, Japuíba. Distr. — Brazil (Rio de Janeiro, São Paulo, Santa Catarina).
- MACULATA** Lane, 1939a:104, fig. 7 (male genitalia). Type-locality: Peru, Loreto, Iquitos. Distr. — Cuba, Peru (Loreto).
- MELANICA** Lane & Aitken, 1957:535, figs. 8-10 (male genitalia, pupa, larva). Type-locality: Trinidad, Arima Valley, St. Patrick Estate (B.W.I.). Distr. — Trinidad (B.W.I.), Brazil (Amazonas).
- PILLOSA** Lane, 1939a:108. Type-locality: Brazil, São Paulo, Juquiá, Poço Grande. Distr. — Brazil (São Paulo).

- PUELLA Shannon & Del Ponte, 1928:101 (error as *arborealis*). Type-locality: Argentina, Jujuy, Cañitas Vicjo, Ledesma. Distr. — Argentina (Jujuy).
- QUADRIVITTATA Shannon & Del Ponte, 1928:101. Type-locality: Argentina, Salta, Tres Pozos, near Embarcación. Distr. — Panama, Brazil (Amazonas, Mato Grosso, Bahia, Espírito Santo), Argentina (Salta, Chaco). Refs. — Lane, 1942:122 (female, male); Lane & Cerqueira, 1958:561, fig. 1 (pupa).
- SELVICOLA Lane, 1939b:391, fig. 3 (male terminalia). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Mexico (Chiapas), Trinidad (B.W.I.). Panama, British Guiana, Brazil (Amazonas, Bahia, Espírito Santo, Rio de Janeiro, São Paulo).
- SIMULANS Lane & Aitken, 1957:537. Type-locality: Trinidad, Tucker Valley (B.W.I.). Distr. — Trinidad (B.W.I.).
- STONEI Lane, 1942:119. Type-locality: Panama, Porto Bello Bay, Caldera Is. Distr. — Panama.
- STRIATA Lane, 1942:110. Type-locality: Brazil, São Paulo, Palmeira. Distr. — Brazil (Espírito Santo, São Paulo).
- TARSATA Lane, 1942:102. Type-locality: Brazil, Bahia, Camassari. Distr. — Trinidad (B.W.I.), Brazil (Bahia). Refs. — Lane, 1953:71, fig. 46 (male genitalia); Lane & Aitken, 1957:537, figs. 11, 12 (pupa, larva).
- TRAVASSOSI Lane, 1942:105. Type-locality: Brazil, Mato Grosso, Salobra. Distr. — Brazil (Mato Grosso).
- TRIPUNCTATA Lane, 1942:120. Type-locality: Puerto Rico, Carolina. Distr. — Trinidad (B.W.I.), Puerto Rico, Brazil (São Paulo). Ref. — Lane & Aitken, 1957:538.
- VITTATA Lane, 1939b:390, fig. 2 (male genitalia). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil (Espírito Santo, São Paulo).
- WHARTONI Vargas, 1952:57, fig. 1 (male genitalia). Type-locality: Mexico, Comalcalco. Distr. — Mexico (Tabasco).
- WHITMANI Lane, 1942:108, pl. 3, fig. 5, pl. 4, fig. 2 (pupa, larva). Type-locality: Brazil, Espírito Santo. Distr. — Brazil (Amazonas, Espírito Santo, São Paulo). Ref. — Lane, 1953:79, fig. 50 (pupa).

Genus LUTZOMIOPS Lane

- Corethrella*, subg. LUTZOMIOPS Lane, 1942:127. Type-species, *Corethrella nigra* Lane (orig. des.) = *davisi* (Shannon & Del Ponte).
- ALTICOLA (Lane), 1939a:110, fig. 11 (male genitalia) (*Corethrella*). Type-locality: Brazil, Goiás, Anápolis. Distr. — Brazil (Goiás, Rio de Janeiro, São Paulo), Argentina (Misiones).
- AMAZONICUS (Lane), 1939a:110 (*Corethrella*). Type-locality: Brazil, Rondônia, Porto Velho. Distr. — Trinidad (B.W.I.), Costa Rica, Panama, Brazil (Rondônia, Espírito Santo, São Paulo).
- BARRETTI (Lane), 1942:132 (*Corethrella*). Type-locality: Brazil, São Paulo, Casa Grande. Distr. — Brazil (São Paulo).
- COUTINHOI (Lane), 1942:131 (*Corethrella*). Type-locality: Brazil, São Paulo, Palmeira. Distr. — Brazil (São Paulo).

- DAVISI (Shannon & Del Ponte), 1928:102 (*Corethrella*). Type-locality: Argentina, Tucumán, 5 mles w. of Concepción. Distr. — Panama, Brazil (Bahia, Mato Grosso, Minas Gerais, São Paulo), Argentina (Tucumán). Ref. — Lanc, 1953:94, figs. 53-54 (male genitalia, pupa).
- nigra* Lane, 1939a:105, fig. 8 (male genitalia) (*Corethrella*). Type-locality: Brazil, Mato Grosso, Maracaju.
- IRIDESCENS (Lane), 1939b:389 (*Corethrella*). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil (Amazonas, São Paulo). Ref. — Lanc & Cerqueira, 1958:584, figs. 3-4 (male terminalia, pupa).
- JUQUIANUS (Lane), 1939a:109 (*Corethrella*). Type-locality: Brazil, São Paulo, Juquiá, Poço Grande. Distr. — Trinidad (B.W.I.), Brazil (São Paulo). Ref. — Lanc & Aitken, 1957:539, figs. 13-16 (pupa, larva).
- LUTZI (Lane), 1942:128 (*Corethrella*). Type-locality: Brazil, São Paulo, Jaraguá. Distr. — Brazil (São Paulo).
- MANAOSENSIS Lane & Cerqueira, 1958:565. Type-locality: Brazil, Amazonas, Manaus. Distr. — Brazil (Amazonas).
- NIGRESCENS (Lane), 1942:129 (*Corethrella*). Type-locality: Brazil, Rio de Janeiro, Magé. Distr. — Trinidad (B.W.I.), Brazil (Rio de Janeiro, São Paulo).
- PALLIDUS (Lane), 1942:128 (*Corethrella*). Type-locality: Panama, Porto Bello. Distr. — Panama.
- PERUVIANUS (Lane), 1939a:110 (*Corethrella*). Type-locality: Peru, Loreto, Iquitos. Distr. — Panama, Peru (Loreto).
- SHANNONI (Lane), 1939a:104, fig. 6a (male genitalia) (*Corethrella*). Type-locality: Peru, Loreto, Iquitos. Distr. — Peru (Loreto), Brazil (Amazonas). Ref. — Lane & Cerqueira, 1958:566, fig. 5 (pupa).

Subfamily CHAOBORINAE

Genus SAYOMYIA Coquillett

- SAYOMYIA Coquillett, 1903:190. Type-species: *Corethra punctipennis* Say (orig. des.). [*Sayomyia* was considered as subgenus in the North American Catalogue. Eds.].
- ANTILLUM (Knab), 1913:121 (*Chaoborus*). Type-locality: Cuba, Habana, Antonio de los Baños. Distr. — Cuba (Habana), Peru (Loreto), Brazil (Amazonas). Ref. — Lane, 1953:103, fig. 56 (male genitalia).
- AUSTRALIS (Shannon & Del Ponte), 1928:99 (*Chaoborus*). Type-locality: Argentina, Tucumán, Finca Santa Barbara. Distr. — Trinidad (B.W.I.), Brazil (Mato Grosso, Minas Gerais, Rio de Janeiro), Argentina (Salta, Jujuy, Tucumán, Chaco).
- BRASILIENSIS (Theobald), 1901:302 (*Corethra*). Type-locality: "Brazil". Distr. — Puerto Rico, Nicaragua, Panama, Trinidad (B.W.I.), Vene-



zuela, Peru (Loreto), Brazil (Mato Grosso, Bahia, Minas Gerais, Rio de Janeiro, São Paulo). Ref. — Lane, 1942:141, pl. 3, fig. 3, pl. 4, figs. 3-5 (wing, male genitalia, larva, pupa).

festivus Dyar & Shannon, 1924:215 (*Chaoborus*). Type-locality: Panama, Canal Zone, Matachin.

antunesi Lane, 1939b:392, fig. 4 (male genitalia) (*Chaoborus*). Type-locality: Brazil, São Paulo, Juquiá.

ELNORAE (Shannon & Del Ponte), 1928:100 (*Chaoborus*). Type-locality: Argentina, Salta, Tres Pozos, near Embarcación. Distr. — Brazil (São Paulo), Argentina (Salta). Ref. — Lane, 1942:145, fig. 7 (male genitalia).

PUNCTIPENNIS (Say), 1823:43 (*Corethra*). Type-locality: U.S.A., Pennsylvania. Distr. — Saskatchewan to Quebec, s. to Colorado, Texas, and Tennessee, Mexico (Jalisco). Ref. — Cook, 1956:32, figs. 13D, 14E, 15B, 16A-B, 17C-F-M, 18H-I (wing, male genitalia, female genitalia, larva, pupa).

SOUZAI (Lane), 1939a:112, fig. 12 (male genitalia) (*Chaoborus*, as *sousai*). Type-locality: Brazil, Pará, Santarém. Distr. — Panamá, Trinidad (B.W.I.), Brazil (Pará, Minas Gerais), Argentina (Tucumán). Ref. — Lane & Aitken, 1957:542, figs. 17-19 (pupa, larva).

Genus EDWARDSOPS Lane

Chaoborus, subg. EDWARDSOPS Lane, 1942:134. Type-species, *Chaoborus unicolor* Lanc (orig. des.).

The species of this genus have been keyed by Lane & Heredia (1956).

BOLIVIENSIS Lane & Heredia, 1956:206, fig. 1 (wing). Type-locality: Bolivia, El Paylon. Distr. — Bolivia.

BREVISECTOR (Edwards), 1930:533, fig. 2b (wing) (*Chaoborus*). Type-locality: Brazil, Amazonas, Manaus. Distr. — Venezuela, Brazil (Amazonas), Bolivia.

MAGNIFICUS (Lanc), 1942:138, pl. 3, fig. 2 (wing) (*Chaoborus*). Type-locality: Brazil, Mato Grosso, Salobra. Distr. — Peru (Loreto), Bolivia, Brazil (Mato Grosso). Ref. — Lane, 1953:107, figs. 57, 58 (wing, male genitalia).

STONEI (Lane), 1942:137, fig. 6, pl. 3, fig. 1 (male genitalia, wing) (*Chaoborus*). Type-locality: Venezuela, Zulia, Maracaibo. Distr. — Venezuela (Zulia), Brazil (Pará).

UNICOLOR (Lane), 1942:135, fig. 4, pl. 2, fig. 5 (male genitalia, wing) (*Chaoborus*). Type-locality: Brazil, Mato Grosso, Salobra, margins of River Miranda. Distr. — Brazil (Mato Grosso).

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INDEX

| | |
|--|------|
| <i>alticola</i> (Lane), 1939 (<i>Corethrella</i>), <i>Lutzomiops</i> | 11.3 |
| <i>amazonicus</i> (Lane), 1939 (<i>Corethrella</i>), <i>Lutzomiops</i> | 11.3 |
| <i>ananaeola</i> Dyar, 1926, <i>Corethrella</i> | 11.1 |
| <i>antillum</i> (Knab), 1913 (<i>Chaoborus</i>), <i>Sayomyia</i> | 11.4 |
| <i>antunesi</i> Lane, 1939 (<i>Chaoborus</i>), <i>Sayomyia</i> | 11.5 |
| <i>appendiculata</i> Grabham, 1906, <i>Corethrella</i> | 11.1 |
| <i>arborescens</i> Shannon & Del Ponte, 1928, <i>Corethrella</i> | 11.1 |
| <i>australis</i> (Shannon & Del Ponte), 1928 (<i>Chaoborus</i>), <i>Sayomyia</i> .. | 11.4 |
| <i>barrettoi</i> (Lane), 1942 (<i>Corethrella</i>), <i>Lutzomiops</i> | 11.3 |
| <i>blanda</i> Dyar, 1928, <i>Corethrella</i> | 11.1 |
| <i>boliensis</i> Lane & Heredia, 1956, <i>Edwardsops</i> | 11.5 |
| <i>brasilensis</i> (Theobald), 1901 (<i>Corethra</i>), <i>Sayomyia</i> | 11.4 |
| <i>breviseetor</i> (Edwards), 1930 (<i>Chaoborus</i>), <i>Edwardsops</i> | 11.5 |
| <i>bromeliola</i> Lane, 1939, <i>Corethrella</i> | 11.2 |
| <i>cardosoi</i> Lane, 1942, <i>Corethrella</i> | 11.2 |
| <i>Chaoborinae</i> | 11.4 |
| <i>confusa</i> Lane, 1939, <i>Corethrella</i> | 11.1 |
| <i>Corethrella</i> Coquillett, 1902 | 11.1 |
| <i>Corethrellinae</i> | 11.1 |
| <i>coutinhoi</i> (Lane), 1942 (<i>Corethrella</i>), <i>Lutzomiops</i> | 11.3 |
| <i>davisi</i> (Shannon & Del Ponte), 1928 (<i>Corethrella</i>), <i>Lutzomiops</i> .. | 11.4 |
| <i>downsi</i> Lane, 1943, <i>Corethrella</i> | 11.2 |
| <i>dyari</i> Lane, 1942, <i>Corethrella</i> | 11.2 |
| <i>edwardsi</i> Lane, 1942, <i>Corethrella</i> | 11.2 |
| <i>Edwardsops</i> Lane, 1942 | 11.5 |
| <i>elnorae</i> (Shannon & Del Ponte), 1928 (<i>Chaoborus</i>), <i>Sayomyia</i> .. | 11.5 |



| | |
|--|------|
| <i>festivus</i> Dyar & Shannon, 1924 (Chaoborus), Sayomyia | 11.5 |
| <i>flavitibia</i> Lane, 1939, Corethrella | 11.2 |
| <i>fulva</i> Lane, 1939, Corethrella | 11.2 |
| <i>inca</i> Lane, 1939, Corethrella | 11.1 |
| <i>infuseata</i> Lane, 1939, Corethrella | 11.2 |
| <i>iridescens</i> (Lane), 1939 (Corethrella), Lutzomiops | 11.4 |
| <i>izquierdoi</i> Vargas, 1952 Corethrella | 11.2 |
| <i>jenningsi</i> Lane, 1942, Corethrella | 11.2 |
| <i>juquianus</i> (Lane), 1939 (Corethrella), Lutzomiops | 11.4 |
| <i>kummi</i> Lane, 1942, Corethrella | 11.2 |
| <i>laneana</i> Vargas, 1946, Corethrella | 11.2 |
| <i>lopesi</i> Lane, 1942, Corethrella | 11.2 |
| <i>lutzi</i> (Lane), 1942 (Corethrella), Lutzomiops | 11.4 |
| Lutzomiops Lane, 1942 | 11.3 |
| <i>maculata</i> Lane, 1939, Corethrella | 11.2 |
| <i>magnificus</i> (Lane), 1942 (Chaoborus), Edwardsops | 11.5 |
| <i>manaosensis</i> Lane & Cerqueira, 1958, Lutzomiops | 11.4 |
| <i>melaniea</i> Lane & Aitken, 1957, Corethrella | 11.2 |
| <i>nigra</i> Lane, 1939 (Corethrella), Lutzomiops | 11.4 |
| <i>nigrescens</i> (Lane), 1942 (Corethrella), Lutzomiops | 11.4 |
| <i>pallidus</i> (Lane), 1942 (Corethrella), Lutzomiops | 11.4 |
| <i>peruvianus</i> (Lane), 1939 (Corethrella), Lutzomiops | 11.4 |
| <i>pillosa</i> Lane, 1939, Corethrella | 11.2 |
| <i>puella</i> Shannon & Del Ponte, 1928, Corethrella | 11.3 |
| <i>punctipennis</i> (Say), 1823 (Corethra), Sayomyia | 11.5 |
| <i>quadrivittata</i> Shannon & Del Ponte, 1928, Corethrella | 11.3 |
| Sayomyia Coquillett, 1903 | 11.4 |
| <i>selvieola</i> Lane, 1939, Corethrella | 11.3 |
| <i>shannoni</i> (Lane), 1939 (Corethrella), Lutzomiops | 11.4 |
| <i>similans</i> Lane & Aitken, 1957, Corethrella | 11.3 |
| <i>souzai</i> (as <i>sousai</i>) (Lane), 1939 (Chaoborus), Sayomyia | 11.5 |
| <i>stonei</i> Lane, 1942, Corethrella | 11.3 |
| <i>stonei</i> Lane, 1942 (Chaoborus), Edwardsops | 11.5 |
| <i>striata</i> Lane, 1942, Corethrella | 11.3 |
| <i>tarsata</i> Lane, 1942, Corethrella | 11.3 |
| <i>travassosi</i> Lane, 1942, Corethrella | 11.3 |
| <i>tripunctata</i> Lane, 1942, Corethrella | 11.3 |
| <i>unicolor</i> (Lane), 1942 (Chaoborus), Edwardsops | 11.5 |
| <i>vittata</i> Lane, 1939, Corethrella | 11.3 |
| <i>whartoni</i> Vargas, 1952, Corethrella | 11.3 |
| <i>whitmani</i> Lane, 1942, Corethrella | 11.3 |



DEPARTAMENTO DE ZOOLOGIA, SECRETARIA DA AGRICULTURA, SÃO PAULO

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

13

FAMILY THAUMALEIDAE
(ORPHNEPHILIDAE)

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This is a small family of rarely encountered flies represented in the region by a single genus known from Southern Argentina, Chile, New Zealand, and Australia. Nothing has been published on the biology of species of *Austrothaumalea*, but it is probably much like that of the other genera of the family. The habits of a North American species, *Thaumalea americana* Bezzi, have been described by Leathers (1922). The larvae are found in cold streams on rocks over which a thin layer of water flows. They feed on organic matter on the rocks. The pupae are found on wet moss, dead leaves, or in mud; the adults are found on vegetation near the larval habitat.

Genus AUSTROTHAUMALEA Tonnoir

AUSTROTHAUMALEA Tonnoir, 1927:109. Type-species, *neozelandica* Tonnoir (orig. des.).

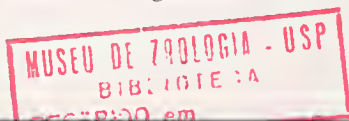
APICALIS Edwards, 1930:113, fig. 6b, pl. 11, fig. 26. Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina, Chile (Llanquihue).

CHILENSIS Edwards, 1930:111, fig. 6a, pl. 11, fig. 24. Type-locality: Chile, Chiloe Is., Aneud. Distr. — Chile.

HALTERALIS Edwards, 1930:114, pl. 11, fig. 22. Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile.

NUDIPENNIS Edwards, 1930:113, fig. 6e, pl. 11, fig. 23. Type-locality: Chile, Chiloe Is., Aneud. Distr. — Chile.

SETIPENNIS Edwards, 1930:113, pl. 11, fig. 21. Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina.



13.1

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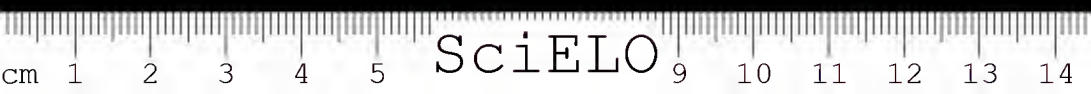
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MUSEU DE ZOOLOGIA, UNIVERSIDADE DE SÃO PAULO

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A CATALOGUE OF THE DIPTERA OF THE AMERICAS SOUTH
OF THE UNITED STATES

14

FAMILY CERATOPOGONIDAE

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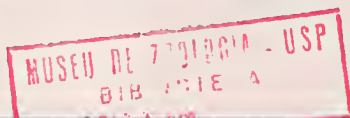
The "biting midges" may be found in large numbers in nearly any aquatic or semiaquatic habitat in all regions of the world. Because of their small size (usually 1-4 mm) they have been little collected and are poorly known. Adult habits are diverse but most species are adapted to some type of blood-sucking. Species of *Culicoides*, *Lasiohelea*, and *Leptoconops* suck vertebrate blood and some are notorious pests, especially in beach or mountain resort areas. Some *Culicoides* are known vectors of diseases including onchocerciasis of horses and cattle, bluetongue of sheep, horse-sickness, several human filariases, and *Haemoproctus* and *Leucocytozoon* diseases of birds. Some *Atrichopogon* and *Forcipomyia* are ectoparasitic on larger insects, while many genera of Ceratopogoninae are predaceous on other smaller insects. Some genera (e. g. *Dasyhelea*) are exclusively flower-visiting, feeding on nectar, while many others thus supplement their diet or have non-haematophagous species. The immature stages may be terrestrial under bark or on wet or damp wood (*Forcipomyia*); semiaquatic on wet algae-covered soil, wood, or rocks (*Atrichopogon*, *Dasyhelea*, etc.); in wet, decomposing, plant material such as cactus stems, banana stalks or leaf compost (*Culicoides*, etc.); or aquatic in mud or wet sand on lake, pond, or stream margins, salt marshes, tree holes, or water-holding plants (most genera).

The foremost pioneer in the study of Neotropical Ceratopogonidae was Adolpho Lutz (1912-1914) working at the Instituto Oswaldo Cruz in Rio de Janeiro, Brazil. J. W. S. Macfie (1932-1953), for many years the foremost international specialist in this family, described many Neotropical species. From 1945 to 1961 John Lane of the Universidade de São Paulo revised many genera of Brazilian biting midges. Lima (1928-1937), Barretto (1944), Barbosa (1943-1953), and Forattini (1953-1960) in Brazil; Fox (1942-1955) in Puerto Rico; Floch and Abonnene (1942-1950) in French Guiana; Ortiz (1950-1969) in Venezuela; Vargas (1944-1960) in Mexico; and Wirth and Blanton (1963-1972) in the U.S.A. published series of revisions of the bloodsucking species of *Culicoides*.

Important historic collections of Neotropical Ceratopogonidae are housed in the British Museum (Natural History) in London (Macfie), Instituto Oswaldo Cruz in Rio de Janeiro (Lutz and Lima), Universidade de São Paulo (Lane and Forattini), Instituto Nacional de Higiene in Caracas (Ortiz), and the U. S. National Museum in Washington, D. C. (Wirth and Blanton).

REFERENCES: Carter, Ingram & Macfie, 1920-1922 (anatomy, techniques, biology, immature stages, revision of West African species); Edwards, 1926

14.1



(classification, generic revision, British species); Goetghebuer & Lenz, 1933-1934 (revision Palaearctic species); Mayer, 1934 (classification of immature stages); Thomsen, 1937 (revision of immature stages of North American species); Macfie, 1940d (revision and key to world genera); Johannsen, 1943b (synopsis of genera of Americas); Wirth, 1952e (general classification, anatomy, economics, techniques, biology of immature stages, revision of California species); Fox, 1955 (catalog of American bloodsucking species); Wirth, 1956a (ceratopogonid pollinators of *Hevea* rubber trees); Tokunaga & Murachi, 1959 (generic classification, revision of Micronesian species); Fallis & Bennett, 1961 (ceratopogonid vectors of blood parasites); Kettle, 1962, 1969 (bionomics and control); Downes, 1971 (evolution of adult feeding habits).

Subfamily LEPTOCONOPINAE

Genus LEPTOCONOPS Skuse

- LEPTOCONOPS Skuse, 1889: 288. Type-species, *stygius* Skuse (mon.).
Tersesthes Townsend, 1893: 370. Type-species, *torrens* Townsend (orig. des.).
Mycterotypus Noé, 1905: 114. Type-species, *bezzii* Noé (Carter, 1921: 3).
Mycteromyia Lutz, 1912:24. Error for *Mycterotypus* Noé.
Protersesthes Kieffer, 1921b: 107. Type-species, *Tersesthes brasiliensis* Lutz (orig. des.).
 Refs.: Carter, 1921 (world revision); Cavalieri & Chiossone, 1966a: 56 (key to American species).

Subgenus HOLOCONOPS Kieffer

- HOLOCONOPS Kieffer, 1918: 135 (as genus). Type-species, *Leptoconops kerteszi* Kieffer (orig. des.).
 BEQUAERTI (Kieffer), 1925b: 405 (*Holoconops*, as *becquaerti*). Type-locality: Honduras, Puerto Castilla. Distr. — U.S.A. (Florida, Texas), circum-Caribbean. Refs. — Bequaert, 1924: 193 (biology); Painter, 1926: 257, figs. 1, 4, 7 (larva, pupa) (biology); Wirth, 1951:281 (distribution); Linley, 1965b: 37 (ovarian cycle); Davies & Linley, 1965: 117 (breeding sites, Jamaica and Honduras).
hondurensis Hoffman, 1926: 135, fig. 1 (antenna, male genitalia, claw, wing, spermathecae, palpus). Type-locality: Honduras, Puerto Castilla.

Subgenus LEPTOCONOPS Skuse

- BRASILIANIS (Lutz), 1913: 66, pl. 8, fig. 18 (habitus) (*Tersesthes*). Type-locality: Brazil, Amazonas, Tocantins. Distr. — Brazil. Ref. — Lane, 1945: 359, fig. 1 (wing).
 CASALI Cavalieri & Chiossone, 1966a: 45, figs. 1-15 (antenna, tarsus, head, tibial comb, palpus, wing, abdomen, spermathecae, claw). Type-locality: Argentina, Prov. San Luis, route Villa Saladillo to La Petra crossing Río Quinto. Distr. — Argentina, Uruguay. Ref. — Chiossone, 1969: 17, figs. 1-11 (mouthparts) (distribution).
 CHILENSIS Forattini, 1958: 38, figs. 1-5 (wing, eye separation, antenna, palpus, spermathecae). Type-locality: Chile, Arica, Valle Chaca. Distr. — Chile.

PETROCCHIAE Shannon & Del Ponte, 1927:734, figs. 1-2 (female, palpus). Type-locality: Argentina, Tucumán, Río Tapia. Distr. — Argentina (Tucumán, Catamarca, San Luís). Ref. — Cavalieri & Chiossone, 1966a: 51, figs. 16-31 (many parts) (redescribed, distribution).

VENEZUELENSIS Ortiz, 1952a: 165, figs. 1-9 (wing, eye separation, antenna, palpus, spermathecae). Type-locality: Venezuela, Terr. Amazonas, San Carlos de Rio Negro. Distr. — Venezuela.

Subgenus MEGACONOPS Wirth & Atchley

Leptoconops, subg. MEGACONOPS Wirth & Atchley, 1973:18. Type-species, *floridensis* Wirth (orig. des.).

FLORIDENSIS Wirth, 1951:282, figs. 1-7 (wing, legs, palpus, antenna, claws). Type-locality: U.S.A., Florida, Santa Rosa Island. Distr. — U.S.A. (Florida), Jamaica, Colombia.

Subfamily FORCIPOMYIINAE

Genus FORCIPOMYIA Meigen

FORCIPOMYIA Meigen, 1818:73, 75. Type-species, *Tipula bipunctata* Linnaeus. Generic name cited in specific synonymy; needs action by I.C.Z.N. to validate, with *bipunctata* as type-species.

Tetrephora Philippi, 1865:630. Type-species, *fusca* Philippi (mon.).

Euprojoannisia Brèthes, 1914:155. Type-species, *plantensis* Brèthes (orig. des.). Refs. — Ingram & Macfie, 1931:157 (key to Chilean species); Macfie, 1939a:142 (key to Neotropical species); Wirth, 1956b:356 (review of species parasitic on insects); Saunders, 1956:657 (revision of subgenera based on immature stages); Saunders & Bowman, 1956:1 (role in cacao pollination in Costa Rica); Saunders, 1959:33 (collecting methods, role as cacao pollinators).

Subgenus BLANTONIA Wirth & Dow

Forcipomyia, subg. BLANTONIA Wirth & Dow, 1971:289. Type-species, *caribbea* Wirth & Dow (orig. des.).

CARIBBEA Wirth & Dow, 1971:291, figs. 1-13 (male, female, many parts). Type-locality: Jamaica, Negril, Westmorland Parish. Distr. — U.S.A. (Florida), British Honduras, Guyana, Trinidad, West Indies (Jamaica).

Subgenus CALOFORCIPOMYIA Saunders

Forcipomyia, subg. CALOFORCIPOMYIA Saunders, 1956:680. Type-species, *caerulea* Saunders (orig. des.).

CAERULEA Saunders, 1956:681, fig. 9 (all stages). Type-locality: Brazil, Rio de Janeiro, reared from larvae on rotten wood in forest. Distr. — Brazil.

EUKOSMA Macfie, 1939a:148, fig. 5 (palpus, wing, male genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

FURCIFERA Macfie, 1940e:920, fig. 1 (male genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

NIGRESCENS Macfie, 1939a:156, figs. 9-10 (antenna, palpus, wing, spermatheca, male genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

VARICOLOR Saunders, 1956:683, fig. 10 (all stages). Type-locality: Brazil, Rio de Janeiro, reared from larva on moist rotting wood in forest. Distr. — Brazil.

Subgenus EUFORCIPOMYIA Malloch

EUFORCIPOMYIA Malloch, 1915b:312 (as genus). Type-species, *hirtipennis* Malloch (orig. des.).

Forcipomyia, subg. *Proforcipomyia* Saunders, 1956:662. Type-species, *wirthi* Saunders (orig. des.).

Ref. — Saunders, 1956:772 (revision, immature stages).

BROMELIAE Saunders, 1956:665, fig. 3 (all stages). Type-locality: Brazil, Rio de Janeiro, larvae in terrestrial bromeliads. Distr. — Brazil.

CALCARATA (Coquillett), 1905:64 (*Ceratopogon*). Type-locality: México, Tabasco, Frontera. Distr. — U.S.A. (Mississippi to Florida and Virginia), Mexico.

FALCIFERA Saunders, 1959:39, fig. 3 (all stages). Type-locality: Trinidad, Las Hermanas Plantation, near San Rafael. Distr. — Trinidad.

INDECORA Kieffer, 1914:269. Type-locality: South Africa, Stellenbosch. Distr. — Pantropical, Trinidad.

ingrami Carter, 1919:290. Type-locality: Gold Coast, Accra. Ref. — Macfie, 1938:160 (Trinidad record).

LONGISPINA Saunders, 1956:669, fig. 5 (all stages). Type-locality: Brazil, Rio de Janeiro, larvae under dead leaves, on wet rock face. Distr. — Brazil.

LOTUS (Williston), 1896:282, plate 9, fig. 47 (wing) (*Ceratopogon*). Type-locality: St. Vincent. (notes: of 4 syntypes in the British Museum (Nat. Hist.), 2 are in subgenus *Lasiohelea*, and 2 are in *Euforcipomyia*; the wing figured by Williston is of a *Euforcipomyia*).

MORTUIFOLII Saunders, 1959:35, fig. 1 (all stages). Type-locality: Trinidad, St. Augustine. Distr. — Trinidad.

QUASHINGRAMI Macfie, 1939a:164, fig. 12 (palpus, male genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil, Trinidad, Costa Rica. Ref. — Macfie, 1944:297 (Trinidad, from cacao flowers).

SETIGERA Saunders, 1959:38, fig. 2 (all stages). Type-locality: Trinidad, Maracas Valley. Distr. — Trinidad.

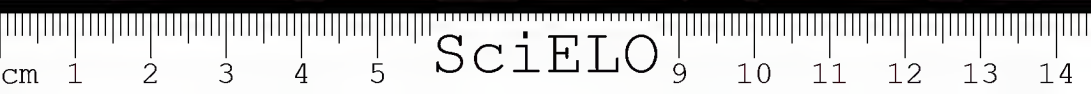
SPATULIFERA Saunders, 1956:667, fig. 4 (all stages). Type-locality: Brazil, São Paulo, Santos, larvae on underside of banana leaves lying in grass. Distr. — Brazil.

Subgenus FORCIPOMYIA Meigen

ABERCROMBYI Macfie, 1938:161, fig. 4 (male genitalia). Type-locality: Trinidad, St. Augustine. Distr. — Trinidad.

ANNULATIFES Macfie, 1939a:154, fig. 8 (palpus, male genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

- ARGENTEOLA Macfie, 1939a:146, fig. 4 (antenna, palpus, wing, leg, spermatheca).
Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
Ref. — Lane, 1947c:163, fig. 2 (male genitalia) (male, immature stages, distribution).
- BICOLOR Lutz, 1914:89. Type-locality: Brazil, Rio de Janeiro, Manguinhos. Distr. — Brazil.
- CALIGINOSELLA Wirth, nom. nov.
caliginosa Ingram & Macfie, 1931:167, fig. 19a (male genitalia). Type-locality: Argentina, Bariloche. Distr. Argentina. Preoccupied in *Forcipomyia* by *Lasiohelea caliginosa* Ingram & Macfie, 1924.
- CHILENSIS (Philippi), 1865:601 (*Ceratopogon*). Type-locality: Chile, Santiago. Distr. — Chile. Ref. — Ingram & Macfie, 1931:163, figs. 15-17 (wing, antenna, tibial spine, male genitalia).
- DELPONTEI Cavalieri, 1962a:169, figs. 1-4 (wing, antenna, palpus, spermatheca). Type-locality: Argentina, Tierra del Fuego, El Tristen. Distr. — Argentina.
- DESERTENSIS Wirth & Hubert, 1960:639, figs. 1, 22 (wing, palpus, spermatheca, male genitalia). Type-locality: U.S.A., California, Los Angeles Co., San Dimas Canyon, reared from *Opuntia cactus*. Distr. — U.S.A. (California), Mexico (Baja California).
- DISCOLORIPES Macfie, 1939a:159, fig. 11 (palpus, antenna). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- DUBIA Macfie, 1939a:162. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- EDWARDSIANA Wirth, nom. nov.
edwardsi Ingram & Macfie, 1931:160, figs. 15, 17 (wing, antenna). Type-locality: Argentina, Rio Negro, Lago Gutiérrez. Distr. — Argentina. Preoccupied in *Forcipomyia* by *Apelma edwardsi* Saunders, 1925.
- FLAVA (Williston), 1896:280, pl. 9, fig. 42 (wing, tarsus) (*Ceratopogon*). Type-locality: St. Vincent. Distr. — West Indies (St. Vincent).
- FLAVIFEMORIS Macfie, 1940a:24. Type-locality: Guyana, New River. Distr. — Guyana.
- FUSCA (Philippi), 1865:630 (*Tetrastoma*). Type-locality: Chile, Valdivia. Distr. — Chile. Ref. — Wirth, 1955c:235 (type redescribed).
- patagonica* Ingram & Macfie, 1931:165, fig. 18 (male genitalia). Type-locality: Argentina, Bariloche.
- GENUALIS (Loew), 1866:128 (Cent. 6, no. 1) (*Ceratopogon*). Type-locality: "Cuba". Distr. — U.S.A. (Louisiana, Georgia, Florida), Bermuda, West Indies, Central and South America to Brazil and Galápagos Islands.
- propinqua* Williston, 1896:279, pl. 9, fig. 41 (wing, tarsus) (*Ceratopogon*). Type-locality: St. Vincent.
- raleighi* Macfie, 1938:160, fig. 3 (male genitalia). Type-locality: Trinidad, St. Augustine. Refs. — Saunders, 1956:660, fig. 1 (all stages; larvae under rotting wood); Wirth, 1956a:248 (pollinating *Hevea* rubber trees).
- squamosa* Lutz, misident.; Floch & Abonnenc, 1942c:1, fig. 1 a-f (wing, palpus, tarsus, male genitalia) (French Guiana).
- LACRIMATORII Macfie, 1939a:161, fig. 11 (palpus, antenna). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- MACULOSA Ingram & Macfie, 1931:159, figs. 14, 16, 17 (wing, palpus, antenna). Type-locality: Argentina, Rio Negro, Lago Gutiérrez. Distr. — Argentina.



- MULTIPICTA Ingram & Macfie, 1931:157, figs. 14, 17 (wing, antenna). Type-locality: Argentina, Rio Negro, Lago Nahuel Huapí. Distr. — Argentina, Chile.
- NUNCUPATA Macfie, 1949:110. Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.
- ORNATIPENNIS Macfie, 1939a:151, fig. 6 (male genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil, Costa Rica.
- PICTONI Macfie, 1938:161, fig. 5 (male genitalia). Type-locality: Trinidad, St. Augustine. Distr. — Trinidad.
- PIROSKYI Cavalieri, 1962a:172, figs. 5-8 (wing, antenna, palpus, spermathecae). Type-locality: Argentina, Tierra del Fuego, Rio Tristen, Ushuaia. Distr. — Argentina.
- PLATENSIS (Brèthes), 1914:156 (*Euprojoannisia*). Type-locality: Argentina, General Urquiza. Distr. — Argentina.
- POULAINAE Ingram & Macfie, 1931:227. Type-locality: Argentina, Buenos Aires. Distr. — Argentina, Brazil. Ref. — Macfie, 1939a:144 (notes, Brazil).
- Punctumalbum* (Kieffer), of Kieffer, 1917:297, fig. 1 (antenna) (recorded from Paraguay). Not Neotropical.
- SETOSICRUS (Kieffer), 1906:357 (*Ceratopogon*). Type-locality: Chile, Concepción. Distr. — Chile.
- SEXVITTATA Wirth, 1956a:248, fig. 2 (palpus, tibial spine, male genitalia). Type-locality: Costa Rica, Los Diamantes.
- SPATULIGERA Macfie, 1949:111. Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.
- SQUAMITHORAX Clastric, 1972:170, fig. 1 (female), fig. 2 (male). Type-locality: French Guiana, Cayenne, Cabassou Forest. Distr. — French Guiana.
- SQUAMITIBIA Lutz, 1914:88, pl. 8, fig. 4, pl. 9, fig. 4 (wing, leg.). Type-locality: Brazil, Rio de Janeiro, Manguinhos. Distr. — Brazil, Mexico. Refs. — Macfie, 1939a:145, fig. 3 (antenna, palpus, wing, spermathecae); Macfie, 1949:111, fig. 2 (male genitalia).
- TENUISQUAMIPES Wirth, 1952a:89, fig. 1 d-g (palpus, tibial spine, antenna, spermathecae). Type-locality: Juan Fernández Islands, Masatierra, Plazoleta del Yunque. Distr. — Juan Fernández Islands.
- TOWNSENDI Knab, 1915:111. Type-locality: Peru, Matucana. Distr. — Peru.
- UTAE Knab, 1915:109. Type-locality: Peru, Matucana. Distr. — Peru.
- VARIENNIS Wirth & Williams, 1957:8. Type-locality: Bermuda. Distr. — U.S.A. (Florida, Texas), Bermuda, Puerto Rico, Guatemala.
- WYGODZINSKYI Cavalieri, 1961:17, figs. 1-4 (wing, antenna, palpus, spermathecae). Type-locality: Argentina, Tierra del Fuego, Ushuaia. Distr. — Argentina.
- ZONOGASTER Ingram & Macfie, 1931:168, fig. 19b (male genitalia). Type-locality: Chile, Puerto Varas. Distr. — Chile.

Subgenus LASIOHELEA Kieffer

Centrorhynchus Lutz, 1914:62 (as genus). Type-species, *styliifer* Lutz (orig. des.). Preoccupied by *Centrorhynchus* Steven or Fischer Waldheim 1829 (Coleoptera) and *Centrorhynchus* Luche 1911 (Vermes).

- LASIOHELEA Kieffer, 1921b:115 (as genus). Type-species, *Atrichopogon pilosipennis* Kieffer (orig. des.) = *Forcipomyia vclor* (Winnertz).
Refs. — Edwards, 1922:166 (discussion); Lane, 1945:359 (key); Saunders, 1964:463 (revision, all stages). Females suck vertebrate blood; larvae live on wet wood or moss.
- ATTENUATA Saunders, 1964:469, fig. 2 (all stages). Type-locality: Costa Rica, La Lola, larvae in moss on clay bank of drainage ditch. Distr. — Costa Rica.
- CORNUTA Saunders, 1964:464, fig. 1 (all stages). Type-locality: Costa Rica, Siquirres, Finca Theobroma, larvae on mossy, rotting wood in deep shade. Distr. — Costa Rica, Trinidad, Brazil (Santos).
- INSIGNIFORCEPS Macfie, 1939a:165, fig. 13 (wing, tarsal spine, male genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- INTERMEDIA Saunders, 1964:468, fig. 2 f-i (larva, pupa, antenna, male genitalia). Type-locality: Costa Rica, Siquirres, Finca Theobroma, on mossy log in deep shade. Distr. — Costa Rica.
- QUASICORNUTA Saunders, 1964:467, fig. 2 a-e (larva, pupa, male genitalia, palpus, antenna). Type-locality: Costa Rica, Siquirres, Finca Theobroma, on mossy rotting wood in shade. Distr. — Costa Rica.
- SALTENSIS (Cavalieri), 1962b:360, figs. 1-5 (wing, antenna, spermatheca, palpus) (*Lasiohelea*). Type-locality: Argentina, Salta, road from Tartagal to Santa Victoria. Distr. — Argentina.
- STYLIFERA (Lutz), 1913:63, pl. 8, figs. 12, 22 (wing, palpus) (*Centrorhynchus*). Type-locality: Brazil, São Paulo, Tatuí (lectotype desig. Lane, 1945:362). Distr. — Costa Rica, Venezuela, Trinidad, Brazil. Refs. — Lane 1945:362, fig. 5 (antenna) (redescribed); Lane, 1947c:161, fig. 1 (larva; above water line on side of cement water tank); Ortiz, 1952b:241, figs. 1-7 (wing, head, palpus, spermatheca) (Venezuela); Macfie, 1953:97, fig. 1 (male genitalia) (Costa Rica); Wirth, 1956a:246 (redescribed; Costa Rica, pollinating *Hevea*).

Subgenus LEPIDOHELEA Kieffer

- LEPIDOHELEA Kieffer, 1917:364 (as genus). Type-species, *Ceratopogon chrysophilus* Kieffer (mon.).
- BRASILIENSIS Macfie, 1939a:153, fig. 7 (palpus, male genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- KUANOSCELES Macfie, 1939a:150, fig. 6 (male genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Subgenus METAFORCIPOMYIA Saunders

- Forcipomyia*, subg. METAFORCIPOMYIA Saunders, 1956:685. Type-species, *Forcipomyia cerifera* Saunders.
- CERIFERA Saunders, 1956:685, fig. 11 (all stages). Type-locality: Brazil, Rio de Janeiro, reared from larvae under rotting wood and under bark of logs in forest. Distr. — Brazil.
- PLUVIALIS Malloch, 1923:5. Type-locality: U.S.A., Maryland, Glen Echo. Distr. — Eastern North America (Ontario to Louisiana), Panama.



Subgenus MICROHELEA Kieffer

MICROHELEA Kieffer, 1917:364 (as genus). Type-species, *Atrichopogon microtornus* Kieffer (desig. Kieffer, 1921:7, pointing out his orig. des. of *A. tropicus* Kieffer was a lapsus). = *Forcipomyia fuliginosa* (Meigen).

Phasmidohelea Mayer, 1937:233 (as genus). Type-species, *crudelis* Mayer (orig. des. = *Forcipomyia ixodoides* (Fiebrig-Gertz).

Refs. — Mayer, 1938:13, figs. 1-2 (female, mouthparts) (discussion); Séguy, 1941:86 (key to species); Wirth, 1972:564 (revision of Neotropical species); Wirth, 1971:229 (revision of "stick-ticks"). Biology. — Females suck blood from caterpillars, sawfly larvae, and stick insects.

AMAZONICA Wirth, 1971:241, fig. 4 m-p (maxilla, mandible, palpus, spermathecae). Type-locality: Brazil, Amazonas, Manaus. Distr. — Brazil.

ERIOPIHORA (Williston), 1896:279, pl. 9, fig. 40 (tarsus, antenna, palpus) (*Ceratopogon*). Type-locality: St. Vincent. Distr. — U.S.A. (Florida), West Indies, Mexico, Central America to Panama. Refs. — Baker, 1907:117 (Cuba, on larva of *Melanchroia geometroides*); Wirth, 1972:571, figs. 27-31 (palpus, mandible, spermathecae, parameres).

FULIGINOSA (Meigen), 1818:86 (*Ceratopogon*). Type-locality: Europe. Distr. — Worldwide. Refs. — Wirth, 1956b:357; 1971:233; 1972:567 (many figures; redescription; synonymy; habits, females suck blood from caterpillars and sawfly larvae).

crudelis Knab, 1914:66. Type-locality: Mexico, La Oaxaqueña, near Santa Lucrecia, attacking caterpillars. Preoccupied in *Forcipomyia* by *crudelis* Karsch, 1886.

tropicus Kieffer, 1917:297 (*Ceratopogon*). Type-locality Costa Rica, Higuito, San Mateo.

GALAPAGENSIS (Coquillett), 1901b:372 (*Ceratopogon*). Type-locality: Galápagos Islands, Albermarle Island, Tagus Cove. Distr. — Galápagos Islands. Ref. — Wirth, 1969:573, figs. 1-2 (male genitalia, spermathecae) (redescription, synonymy); Wirth, 1972:572, figs. 32-36 (palpus, mandible, spermathecae, parameres).

INSIGNIPALPIS Macfie, 1949:109, fig. 1 (palpus). Type-locality: Mexico, Chiapas, San Cristóbal north of Aurora. Distr. — Brazil, Colombia, Costa Rica, Mexico, Panama. Ref. — Wirth, 1972:573, figs. 37-41 (palpus, mandible, spermathecae, parameres).

IXODOIDES (Fiebrig-Gertz), 1928:290, 5 figs. (*Ceratopogon*). Type-locality: Paraguay. Distr. — Brazil, Colombia, Costa Rica, Panama, Paraguay. Ref. — Wirth, 1971:236, fig. 4 a-d (palpus, maxilla, mandible, spermathecae) (redescription; distribution; synonymy).

crudelis Mayer, 1937:233, figs. 3-4 (mouthparts, tibial comb) (*Phasmidohelea*). Type-locality: Costa Rica, San José, Hamburg Farm, on phasmid *Crenozylus spinosus*. Preoccupied in *Forcipomyia* by *crudelis* Karsch and *crudelis* Knab.

wagneri Séguy, 1941:85, figs. 1-6 (female, leg, palpus, tarsus, claws) (*Phasmidohelea*). Type-locality Brazil, Rio de Janeiro, Organ Mountain, sucking blood of *Bacteria* (Phasmidae).

mayeri Forattini & Lane, 1955:4, figs. 1-4 (palpus, tarsus, antenna, spermatheca, cgg). Unnecessary new name for *crudelis* Mayer 1937.

LUTEISQUAMOSA Wirth, 1972:575, figs. 52-53 (palpus, spermathecae). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

- MICROTOMA (Kieffer), 1917:299, fig. 2 (palpus) (*Atrichopogon*). Type-locality: Paraguay, Asunción.
- MINISQUAMOSA Wirth, 1972:570, figs. 21-26 (palpus, mandible, spermathecae, aedeagus, parameres). Type-locality: British Honduras, Augustine. Distr. — Brazil, British Honduras, Costa Rica, El Salvador.
- OBESA Lima, 1928:85, figs. 1-5 (wing, body, antenna, palpus). Type-locality: Brazil, Rio Negro, São Gabriel, on phasmid. Distr. — Brazil, Colombia, Costa Rica, Panama. Refs. — Lane, 1947c:163 (female redescribed; Brazil, on phasmid); Wirth, 1971:239, figs. 1, 3, 4 e-h (habitus, many parts) (on phasmids, habits, distribution; female redescribed).
- PENULTIMATA Wirth, 1972:573, figs. 42-46 (palpus, mandible, spermathecae, parameres). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Central America and West Indies to Colombia and Brazil.
- SQUAMOSA Lutz, 1914:87, pl. 8, fig. 6, pl. 9, figs. 2-3 (wing, abdomen, eggs). Type-locality: Brazil, Rio de Janeiro, Mangueiros. Refs. — Ingram & Macfie, 1931:226 (redescribed, Argentina); Floch & Abonnenc, 1942c:1, fig. 1 a-f (wing, palpus, tarsus, male genitalia) (French Guiana); Wirth, 1972:569, figs. 16-20 (palpus, mandible, spermathecae, parameres).
- WILLISTONI Wirth, 1971:242, fig. 4 i-l (palpus, mandible, spermathecae, parameres). Type-locality: Puerto Rico, El Verde, Luquillo Mts., from phasmid. Distr. — West Indies (Jamaica, Puerto Rico), Brazil.

Subgenus PHYTOHELEA Remm

- Forcipomyia*, subg. PHYTOHELEA Remm, 1971:189. Type-species, *Lasiohelea bromelicola* Lutz (orig. des.).
- Apelma* Kieffer, authors
- Trichohclea* Goetghebuer, authors
- Ref. — Saunders, 1925:252 (all stages, habits, as *Apelma*; Saunders, 1956:695 (revision, all stages, as *Trichohclea*).
- ANTIGUENSIS Saunders, 1956:700, fig. 17 (all stages). Type-locality: Antigua, Falmouth Harbour, from larvae in epiphytic bromeliads. Distr. — West Indies (Antigua).
- BROMELICOLA (Lutz), 1914:84, pl. 8, fig. 1 (wing) (*Lasiohelea*). Type-locality: Brazil, Rio de Janeiro, Ilha do Governador. Distr. — Brazil, French Guiana. Refs. — Saunders, 1925:263, fig. 4 (all stages) (Brazil, from small bromeliads on rocks in Rio bay); Floch & Abonnenc, 1942c:2, fig. 1 i (wing, palpus, tarsus) (French Guiana); Lane, 1945:363, figs. 2, 3 (male genitalia) (lectotype designation; redescribed).
- CARIBBEANA Saunders, 1956:696, fig. 15 (all stages). Type-locality: Trinidad, Mount St. Benedict, from larvae in fallen epiphytic bromeliad in forest. Distr. — Trinidad, Tobago, Guyana.
- EDWARDSI (Saunders), 1925:260, fig. 3 (male, female) (*Apelma*). Type-locality: Brazil, Bahia; Rio de Janeiro, Paquetá; and Pernambuco; syntypes from larvae in terrestrial bromeliads. Distr. — Brazil.
- LOCOSA Saunders, 1956:701, fig. 18 (all stages). Type-locality: Trinidad, Mount St. Benedict, reared from *Bromelia pinguin*. Distr. — Trinidad.
- KEILINI (Saunders), 1925:265, fig. 5 (all stages) (*Apelma*). Type-locality: Brazil, Pernambuco, Dois Irmãos, from terrestrial bromeliads in woods.



MAGNA (Saunders), 1925:266, fig. 6 (larva, pupa) (*Apelma*). Type-locality: Brazil, Pernambuco, Dois Irmãos, from terrestrial bromeliads in woods. Distr. — Brazil.

OLIGARTHRA Saunders, 1956:698, fig. 16 (all stages). Type-locality: Puerto Rico, Corega Beach, from larvae in leaf axils of *Bromelia pinguin*. Distr. — West Indies (Puerto Rico, Montserrat, Dominica), Guyana.

Subgenus PTEROBOSCA Macfie

PTEROBOSCA Macfie, 1932:266 (as genus). Type-species, *Ceratopogon aescnosuga* Meijere (Macfie, 1940d:16).

Refs. — Johannsen, 1950:142 (key to American species); Wirth, 1956b:362 (review, check list).

FARRI Wirth, 1966:29, figs. 1-5 (wing, antenna, palpus, tarsus, spermathecae). Type-locality: Jamaica, St. Thomas, Morant Bay, from wing of *Chrysopa*. Distr. — West Indies (Jamaica).

FUSICORNIS (Còquillett), 1905:63 (*Ceratopogon*). Type-locality: U.S.A., Florida, Biscayne Bay. Distr. — U.S.A. (Louisiana, Florida), Bermuda, West Indies (Puerto Rico), Brazil. Refs. — Johannsen, 1951:117 (records; synonym: *macfici*); Wirth, 1956b:362 (redescribed; distr.).

fuscicornis, error.

macfie Lima, 1937b:616, pls. 1-2 (head, wing, body, antenna, palpus, claws, spermatheca) (*Pterobosca*). Type-locality: Brazil, Rio de Janeiro, Tijuca, Alto da Boa Vista, on Odonata.

INCUBANS (Macfie), 1937b:111 (*Pterobosca*). Type-locality: British Honduras, Cayo District, Mtn. Pine Ridge, on *Argia ulmea* Calvert. Distr. — Mexico, British Honduras, Colombia, Argentina, West Indies (Puerto Rico). Refs. — Wirth, 1956b:363 (distribution); Cavalieri & Chiossone, 1965:65, figs. 1-18 (wing, tarsus, antenna, palpus, mandible, tibial comb, spermathecae, pharyngeal armature, eggs) (Argentina record).

Subgenus RHYNCHOFORCIPOMYIA Wirth & Dow

Forcipomyia, subg. RHYNCHOFORCIPOMYIA Wirth & Dow, 1972:863. Type-species, *Forcipomyia messersmithi* Wirth & Dow (orig. des.).

BRACHYRHYNCHUS Wirth & Dow, 1972:867, fig. 3 a-1 (male, female, many parts). Type-locality: Colombia, Valle, Rio Raposo. Distr. — Colombia, Trinidad.

CYLINDRICA Wirth & Dow, 1972:865, fig. 2 a-m (male, female, many parts). Type-locality: El Salvador, Cuscatlán, San Pedro Perulapán. Distr. — El Salvador.

DORSALIS Wirth & Dow, 1972:870, fig. 5 g-n (male, female, many parts). Type-locality: Mexico, Sinaloa, 22 mi E Concordia. Distr. — El Salvador, Honduras, Mexico.

GUAMAI Wirth & Dow, 1972:869, fig. 4 h-l (female, many parts). Type-locality: Brazil, Pará, Belém. Distr. — Brazil, Panama.

MESSERSMITHI Wirth & Dow, 1972:864, fig. 1 a-n (male, female, many parts). Type-locality: El Salvador, Cuscatlán, San Pedro Perulapán. Distr. — Mexico through Central America to Colombia, West Indies (Jamaica).

- PURACENSIS Wirth & Dow, 1972:867, fig. 4 a-g (female, many parts). Type-locality: Colombia, Cauca, Páramo de Purace. Distr. — Colombia.
- ZETEKI Wirth & Dow, 1972:870, fig. 5 a-f (female, many parts). Type-locality: Panama, C. Z., Barro Colorado Island. Distr. — Colombia, Panama.

Subgenus SYNTHYRIDOMYIA Saunders

- Forcipomyia*, subg. SYNTHYRIDOMYIA Saunders, 1956:688. Type-species, *Lasiohelea acidicola* Tokunaga (orig. des.).
- SANCTAECLARAE Wirth, 1952a:90, fig. 1 h (male genitalia). Type-locality, Juan Fernández Islands, Santa Clara, El Corral. Distr. — Juan Fernández Islands. Ref. — Wirth, 1957:399 (Masatierra Island).
- TENUIFORCEPS Macfie, 1939a:167, fig. 15 (palpus, male genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — U.S.A. (California, New Mexico), British Honduras, El Salvador, Trinidad, Brazil. Ref. — Dow & Wirth, 1972:199, fig. 11 a-m (many parts) (redescribed, distribution).

Subgenus THYRIDOMYIA Saunders

- TRYRIDOMYIA Saunders, 1925:268 (as genus). Type-species, *palustris* Saunders (orig. des.).
- Refs. — Wirth, 1970:429 (revision and key to Neotropical species); Dow & Wirth, 1972:177 (revision and key to Nearctic species). Biology. — Adults pollinating *Hevea* and *Theobroma*, etc.; larvae found in rotting plant materials and in ulcerating tree wounds.
- COLOMBIAE Wirth, 1970:435, fig. 3 (antenna, palpus, wing, tarsus, spermatheca, male genitalia). Type-locality: Colombia, Valle, Rio Raposo. Distr. — Mexico, Costa Rica, Panama, Colombia, Trinidad.
- JAMAICENSIS Wirth, 1970:436, fig. 4 (antenna, palpus, wing, spermatheca, male genitalia). Type-locality: Jamaica, Hardwar Gap. Distr. — West Indies (Jamaica, Puerto Rico).
- JIPAJAPAE Wirth, 1970:437, fig. 5 (antenna, palpus, wing, spermatheca, male genitalia). Type-locality: Panama, C. Z., Gamboa. Distr. — Costa Rica, Panama, Colombia, Ecuador, Trinidad.
- NANA (Macfie), 1939a:171 (*Lasiohelea*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Mexico, Central and South America to Southern Brazil, West Indies. Refs. — Macfie, 1944:297, fig. a (male genitalia) (Trinidad, from cacao); Wirth, 1956a:247 (redescribed; pollinating *Hevea*; records); Wirth, 1970:432, fig. 1 a-f (wing, antenna, palpus, spermatheca, male genitalia) (redescribed).
- NODOSA Saunders, 1959:43, fig. 5 (all stages). Type-locality: Costa Rica, Finca Theobroma near Siquirres. Distr. — U.S.A. (Arizona, Kansas, Mississippi), Mexico, Costa Rica, Colombia. Ref. — Dow & Wirth, 1972:186, fig. 4 (many parts) (redescribed; distribution).
- SINUOSA Dow & Wirth, 1972:189, fig. 6 (many parts). Type-locality: Mexico, Sinaloa, 22 mi E Concordia, 3000 ft. Distr. — Mexico.
- UNIVESICULA Macfie, 1939a:170. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Subgenus TRICHOHELEA Goetghebuer

- Apelma* Kieffer, 1919:64. Type-species, *auronitens* Kieffer (desig. Macfie, 1940:16). Preoccupied by *Apelma* Billberg 1820, Coleoptera.
- TRICHOHELEA Goetghebuer, 1920:39. Type-species, *tonnoiri* Goetghebuer (mon.).
- Forcipomyia*, subg. *Neoforcipomyia* Tokunaga, in Tokunaga & Murachi, 1959:200. Type-species, *Ceratopogon pectinunguis* Meijere (orig. des.).
- Refs. — Wirth, 1956b:361 (habits, list of species as *eques* group); Saunders, 1964:473 (diagnosis, all stages); Wirth & Messersmith, 1971:15 (revision and key to Nearctic species; synonymy).
- AERONAUTICA Macfie, 1935c:265, fig. (tarsus). Type-locality: Guyana, Tumatumari, on butterfly, *Catoblepia xanthus* L. Distr. — Venezuela, Guyana, French Guiana. Ref. — Wirth, 1956b:361 (distribution).
- DANAISI (Floch & Abonnenc), 1949:3 (*Lasiohelea*); also 1950a:72, fig. 2 (wing, antenna, spermathecae, palpus). Type-locality: Venezuela, Aragua, Rancho Grande, on butterfly *Danaus eresimus*. Distr. — Venezuela.
- GONIOGNATHA Wirth & Messersmith, 1971:20, fig. 4 (antenna, palpus, mandible, maxilla, spermathecae, tarsus, male genitalia). Type-locality: Mexico, Sonora, 5 mi W Álamos. Distr. — U.S.A. (Arizona, Texas, Kansas), Mexico.
- INTREPIDA Macfie, 1936:228. Type-locality: Peru, Iquitos, on wing of dragonfly. Distr. — Peru.
- LIMNETIS Ingram & Macfie, 1931:169, fig. 19 (male genitalia). Type-locality: Argentina, Rio Negro, Lago Correntoso. Distr. — Argentina.
- MEXICANA Wirth, 1956b:361. Type-locality: Mexico, San Luis Potosí, Tamazunchale, on butterfly, *Pyrrhogyra otolais neis*. Distr. — Mexico. Ref. — Bauer, 1961:92 (habits).
- OPILIONIVORA (Lane), 1947e:159 (*Lasiohelea*). Type-locality: Brazil, São Paulo, Juquiá, sucking blood from Phalangidae. Distr. — Brazil.
- SHANNONI (Ingram & Macfie), 1931:171 (*Lasiohelea*). Type-locality: Argentina, Rio Negro, Lake Correntoso. Distr. — Argentina.
- TRINIDADENSIS Saunders, 1964:476, fig. 5 (all stages). Type-locality: Trinidad, St. Augustine, reared from moss on tree root. Distr. — Trinidad.

Subgenus WARMKEA Saunders

- Forcipomyia*, subg. WARMKEA Saunders, 1956:671. Type-species, *Forcipomyia bicolor* Saunders (orig. des.).
- AERIA Saunders, 1956:675, fig. 7 (pupa, spermatheca, palpus, male genitalia). Type-locality: Puerto Rico, Mayaguez, reared from larvae in epiphytic bromeliads. Distr. — West Indies (Puerto Rico).
- LESLIEI Wirth, nom. nov.
- bicolor* Saunders, 1956:672, fig. 6 (all stages). Type-locality: Puerto Rico, Mayaguez, reared from larvae in leaf axils of *Alocasia macrorrhiza*. Distr. — West Indies (Puerto Rico). Preoccupied in *Forcipomyia* by *bicolor* Lutz 1914.
- LOURIEI (Macfie), 1935a:49 (*Lasiohelea*). Type-locality: Brazil, Piauí, Tutóia. Distr. — Brazil.

- NARTHEKOPHORA Macfie, 1939a: 166, fig. 14 (palpus, wing, male genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- SPINOSA Saunders, 1956:676, fig. 7 (pupa, male genitalia, spermatheca, larva). Type-locality: Puerto Rico, Mayaguez, reared from larvae in leaf axils of *Alocasia macrorrhiza*. Distr. — West Indies (Puerto Rico).
- TERRESTRIS Saunders, 1964:479, fig. 6 (all stages). Type-locality: Trinidad, Las Hermanas Plantation near San Rafael. Distr. — Trinidad.
- TUBERCULATA Saunders, 1956:677, fig. 7 (pupa, spermatheca, male genitalia). Type-locality: Trinidad, North Range, reared from terrestrial *Bromelia pinquin*. Distr. — Trinidad.

Genus ATRICHOPOGON Kieffer

- Didymophleps* Weyenbergh, 1883:108. Type-species, *hortorum* Weyenbergh (mon.). Position uncertain.
- Ceratopogon*, subg. ATRICHOPOGON Kieffer, 1906:53. Type-species, *Ceratopogon exilis* Coquillett (Coquillett, 1910:512) = *levis* (Coquillett).
- Lophomyidium* Cordero, 1929:94. Type-species, *uruguayense* Cordero (orig. des.). Refs. — Ingram & Macfie, 1931:173 (key to Chilean species); Macfie, 1939a:173 (key to Neotropical species); Ewen & Saunders, 1958:671 (revision based on immature stages).
- ADAMSONI Macfie, 1937a:4. Type-locality: Trinidad, St. Augustine. Distr. — Mexico, Trinidad. Ref. — Macfie, 1949:112 (redescribed).
- ALBINENSIS Ingram & Macfie, 1931:228. Type-locality: Argentina, Bahía Blanca. Distr. — Costa Rica, Argentina.
- ALTIVOLANS Macfie, 1949:113, fig. 3 (abdominal armature). Type-locality: Mexico, Chiapas, between Santa Julia and Santa Rita north of Huixtla. Distr. — Mexico.
- ASSIMILIS Ingram & Macfie, 1931:176. Type-locality: Argentina, Rio Negro, Lago Correntoso. Distr. — Argentina.
- AURICOMA Kieffer, 1917:300, fig. 3 (antenna). Type-locality: Colombia, Aracataca. Distr. — Colombia.
- BIFIDUS Ewen, in Ewen & Saunders, 1958:694, fig. 10 (all stages). Type-locality: Brazil, Rio de Janeiro, Niterói, above water line on partly submerged bamboo.
- BRASILIENSIS Macfie, 1939a:184. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- BREVIPALPIS Macfie, 1944:298, fig. 1 b, c (palpus, spermatheca). Type-locality: Trinidad, from moss on cacao trunk. Distr. — Trinidad.
- CARIBBEANUS Ewen, in Ewen & Saunders, 1958:683, fig. 5 a-j (all stages). Type-locality: West Indies, Tobago, larvae on wood in stream. Distr. — West Indies (Tobago).
- CHILENSIS Ingram & Macfie, 1931:175. Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Brazil, Argentina, Chile.
- COLUMBIANUS Kieffer, 1917:303, fig. 7 (antenna). Type-locality: Colombia, Aracataca. Distr. — Colombia, Brazil. Ref. — Macfie, 1939a:177 (redescribed; Brazil).
- COSTALIS Macfie, 1939a:179. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.



- COSTARICAE Macfie, 1953:98. Type-locality: Costa Rica, San José, La Caja. Distr. — Costa Rica.
- CRYPTOGAMUS Macfie, 1939a:182. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- DEPILIS Macfie, 1939a:178. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- DIDYMOTHECAE Macfie, 1953:99. Type-locality: Costa Rica, San José, La Caja. Distr. — Costa Rica.
- ECHINODES Macfie, 1939a:194. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- EUCNEMUS Macfie, 1939a:185. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- FIEBRIGI Kieffer, 1917:302, fig. 4 (male antenna). Type-locality: Paraguay. Distr. — Paraguay.
- FIMBRIATUS (*gordonii* var.), Macfie, 1939a:194. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- FLAVICAUDAE Macfie, 1939a:181, fig. 16 (wing, antenna, palpus). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- pilosior* (*flavicaudae* var.), Macfie, 1939a:182. Type-locality: Brazil, Santa Catarina, Nova Teutônia.
- FLAVIPES Lutz, 1914:90, pl. 8, fig. 5 (wing). Type-locality: not stated. Distr. — Brazil. Ref. — Lane, 1945:359 (notes on type).
- FLUMINEUS Macfie, 1935a:52. Type-locality: Brazil, Piauí, Tutóia. Distr. — Brazil, Guyana. Ref. — Macfie, 1939a:177 (notes).
- FUSCULUS (Coquillett), 1901a:605 (*Ceratopogon*). Type-locality: U.S.A., New Jersey, Riverton. Distr. — North America (Saskatchewan to Ontario, s. to California and Florida), Costa Rica, Brazil. Refs. — Wirth, 1952e:118, fig. 3 (wing, palpus, leg, antenna, male genitalia) (redescription); Wirth, 1956a:242 (pollinating *Hevea*; Costa Rica, Brazil).
- GLABER Macfie, 1935a:50, fig. 1 (abdomen). Type-locality: Brazil, Piauí, Tutóia. Distr. — Costa Rica, Trinidad, Brazil. Refs. — Macfie, 1938:162, fig. 6 (male genitalia) (redescribed); Wirth, 1956a:243 (redescribed; pollinating *Hevea*).
- GLOBULIFER Macfie, 1939a:191. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- GORDONI Macfie, 1938:164, fig. 7 (palpus). Type-locality: Trinidad, St. Augustine. Distr. — Costa Rica, Trinidad, Brazil. Refs. — Macfie, 1939a:193 (notes); Macfie, 1940c:182 (distribution).
- GUIANENSIS Macfie, 1940c:184. Type-locality: Guyana, Kaieteur. Distr. — Guyana.
- HARRISI Macfie, 1938:163. Type-locality: Trinidad, St. Augustine. Distr. — Trinidad.
- HORTORUM (Weyenbergh), 1883:110, figs. 1-3 (wing, antenna) (*Didymophleps*). Type-locality: Argentina, Córdoba. Distr. — Argentina. Position uncertain.
- INCULTUS Ewen. in Ewen & Saunders, 1958:699, fig. 12 (all stages). Type-locality: Costa Rica, Siquirres, reared from moss. Distr. — Costa Rica.
- INSIGNIPALPIS Macfie, 1940b:73. Type-locality: Brazil, Soledade and Simão (Northeast Brazil). Distr. — Brazil.

- INSIGNIVENTRIS Macfie, 1935a:51, fig. 2 (abdominal armature). Type-locality: Brazil, Piauí, Tutóia. Distr. — Trinidad, Brazil. Ref. — Macfie, 1937a:2, fig. (male genitalia).
- LACAJAE Macfie, 1953:100, fig. 2 (male genitalia). Type-locality: Costa Rica, San José, La Caja. Distr. — Costa Rica.
- LITURATUS (Williston), 1896:281 (*Ceratopogon*). Type-locality: St. Vincent. Distr. — West Indies (St. Vincent).
- LONGICORNIS Ewen, in Ewen & Saunders, 1958:700, fig. 13 (all stages). Type-locality: Costa Rica, Siquirres, larvae on rotting wood. Distr. — Costa Rica.
- MACULIPENNIS Clastrier, 1968:89, fig. 2 (wing, antenna, palpus, male and female genitalia). Type-locality: French Guiana, Cayenne, Cabassou Forest. Distr. — French Guiana.
- MENDOZAE Ingram & Macfie, 1931:229. Type-locality: Argentina, Mendoza. Distr. — Argentina.
- NANUS Macfie, 1940c:184. Type-locality: Guyana, Mazaruni, High Forest. Distr. — Guyana.
- NEBULOSUS Macfie, 1939a:192. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- NOVAETEUTONIAE Macfie, 1939a:189. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Costa Rica, Brazil.
- NUBECULOSUS Macfie, 1949:113. Type-locality: Mexico, Chiapas, El Vergel. Distr. — Mexico.
- OBFUSCATUS Ingram & Macfie, 1931:173. Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina, Chile.
- OBNUBILUS Ingram & Macfie, 1931:175. Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina.
- OBSCURUS Ewen, in Ewen & Saunders, 1958:685; fig. 6 a-l (all stages). Type-locality: Puerto Rico, Mayaguez, larvae on wet dead leaves bordering stream. Distr. — West Indies (Puerto Rico).
- PACHYCNEMUS Macfie, 1953:101. Type-locality: Costa Rica, San José, La Caja. Distr. — Costa Rica.
- PALLIDIPES Kieffer, 1917:301. Type-locality: Paraguay, San Bernardino. Distr. — Mexico, Costa Rica, Paraguay. Refs. — Macfie, 1949:114 (redescribed); Macfie, 1953:98 (redescribed).
- PALPALIS Macfie, 1939a:196, fig. 21 (palpus, antenna, abdominal armature, spermatheca, male genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- PECTINATUS Macfie, 1939a:195, fig. 17 (palpus, antenna, abdominal armature, spermatheca). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- PERUVIANUS Kieffer, 1917:302, fig. 5 (male antenna). Type-locality: Peru, Callanga. Distr. — Peru.
- PICEIVENTRIS Kieffer, 1917:301. Type-locality: Paraguay, San Bernardino. Distr. Paraguay.
- REMIGATUS Ewen, in Ewen & Saunders, 1958:687, fig. 7 a-j (all stages). Type-locality: Brazil, Petrópolis, larvae on wet sticks over stream. Distr. — Brazil.



- RUSTICUS Macfie, 1939a:190. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- SANCTAECLARAE Macfie, 1949:114. Type-locality: Mexico, Chiapas, Puerto Ocos, near Hacienda Santa Clara. Distr. — Mexico.
- SANCTILAURENTII Kieffer, 1917:303, fig. 6 (antenna). Type-locality: Paraguay, San Lorenzo. Distr. — Paraguay.
- SAUNDERSI Ewen, in Ewen & Saunders, 1958:691, fig. 9 a-j (all stages). Type-locality: Puerto Rico, Mayaguez, on wood in stream. Distr. — West Indies (Puerto Rico).
- SEQUAX (Williston), 1896:282, plate 9, fig. 48 (wing) (*Ceratopogon*). Type-locality: St. Vincent. Distr. — West Indies (St. Vincent). N. COMB.
- TAENIATUS Macfie, 1939a:186, fig. 20 (wing, antenna, palpus, spermatheca). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- THERSITES (Williston), 1896:280, pl. 9, fig. 44 (wing) (*Ceratopogon*). Type-locality: St. Vincent. Distr. — West Indies (St. Vincent).
- thersites*, error, Williston, 1896:277.
- TRINIDADENSIS Macfie, 1937a:5, fig. (male genitalia). Type-locality: Trinidad, St. Augustine. Distr. — Trinidad.
- TUBERCULATUS Ewen, in Ewen & Saunders, 1948:709, fig. 17 (all stages). Type-locality: Trinidad, Maracas, larvae on rotting cacao leaves. Distr. — Trinidad.
- UMBRATILIS Macfie, 1935a:51. Type-locality: Brazil, Piauí, Tutóia. Distr. — Guyana, Brazil. Ref. — Macfie, 1940c:183 (redescribed).
- URUGUAYENSIS (Cordero), 1929:95, figs. 1-12 (male, antenna, wing, palpus, mouthparts, legs, claws, male genitalia) (*Lophomyidium*). Type-locality: Uruguay, Tacuarembó. Distr. — Uruguay.
- UTRICULARIUS Macfie, 1953:102. Type-locality: Costa Rica, San José, La Caja. Distr. — Costa Rica.
- WARMKEI Wirth, 1956a:243, fig. 1 (female, palpus, mandible, male genitalia). Type-locality: Puerto Rico, Mayaguez, in *Hevea* flowers. Distr. — U.S.A. (Florida), West Indies (Puerto Rico).
- WOODFORDI Macfie, 1938:162. Type-locality: Trinidad, St. Augustine. Distr. — Costa Rica, Guyana, Brazil, Trinidad. Refs. — Macfie, 1939a:117 (notes); Macfie, 1939c:183 (redescribed).

Subfamily DASYHELEINAE

Genus DASYHELEA Kieffer

- DASYHELEA Kieffer, 1911b:5. Type-species, *halophila* Kieffer (mon.).
- Pseudoculicoides* Malloch, 1915b:309. Type-species, *Ceratopogon mutabilis* Coquillett (orig. des.).
- Ref. — Ingram & Macfie, 1931:177 (key to Chilean species).
- ALBOPICTA Ingram & Macfie, 1931:187, fig. 22c (male genitalia). Type-locality: Argentina, Rio Negro, Lake Gutiérrez. Distr. — Argentina, Chile.
- ANDENSIS Ingram & Macfie, 1931:180, fig. 22a (male genitalia). Type-locality: Argentina, Rio Negro, Lake Gutiérrez. Distr. — Argentina.
- ARGENTINENSIS Kieffer, 1925c:92. Type-locality: Argentina. Distr. — Argentina.

- AUSTRALIS Wirth, 1952a:92, fig. 1 a-c (wing, palpus, male genitalia). Type-locality: Juan Fernández Islands, Masatierra, Bahía Cumberland, Grutas de los Patriotas. Distr. — Juan Fernández Islands.
- BAHAMENSIS (Johnson), 1908:71 (*Ceratopogon*). Type-locality: Bahamas, Andros Island, Mangrove Cay. Distr. — U.S.A. (Florida), West Indies (Bahamas).
- CACTORUM Wirth & Hubert, 1960:642, figs. 3, 24 (wing, palpus, spermathecae, male genitalia). Type-locality: México, Baja California, San Felipe, reared from *Lophocereus cactus*. Distr. — U.S.A. (Arizona, California), Mexico (Baja California).
- CALVESCENS Macfie, 1938:157, fig. (male genitalia). Type-locality: Hawaii, Oahu, Hanauma Bay and Waianae Coast (syntypes). Distr. — Hawaiian Islands, Mexico (Revillagigedo Islands).
- CHILENSIS Ingram & Macfie, 1931:186. Type-locality: Chile, Casa Pangue. Distr. — Chile.
- COLUMBIANA (Kieffer), 1917:304, fig. 3 (antenna) (*Culicoides*). Type-locality: Colombia, Aracataca. Distr. — Colombia.
- FILIBRANCHIA (Lutz), 1914:85, fig. (pupa) (*Ceratopogon*). Type-locality: Brazil, Rio de Janeiro, Manguinhos. Distr. — Brazil. Ref. — Lane, 1945:364, figs. 6-11 (antenna, wing, male genitalia, pupa).
- FLAVICAUDA Macfie, 1939a:201. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- HIPPOLYTAE Macfie, 1935a:54. Type-locality: Brazil, Piauí, Tutóia. Distr. — Brazil.
- HIRTIPES (Kieffer), 1917:305, fig. 9 (antenna) (*Culicoides*). Type-locality: Peru, Callanga. Distr. — Peru.
- LACUSTRIS Ingram & Macfie, 1931:190. Type-locality: Argentina, Rio Negro, Lake Gutiérrez. Distr. — Argentina.
- LUTEOGRISEA Wirth & Williams, 1957:10. Type-locality: Bermuda, Spittal Pond. Distr. — U.S.A. (Florida to Texas), Bermuda, West Indies (Bahamas).
- MACULATA Macfie, 1943:119, fig. 1 (male genitalia). Type-locality: Bahamas, New Providence, Lake Cunningham. Distr. — West Indies (Bahamas).
- MONTICOLA Ingram & Macfie, 1931:188, fig. 24 (male genitalia, spermatheca). Type-locality: Chile, Casa Pangue. Distr. — Chile.
- PARACINCTA Wirth, 1969:576, figs. 4-6 (male genitalia). Type-locality: Galápagos Islands, Isla Santa Cruz, Academy Bay. Distr. — Galápagos Islands.
- PARAHYBAE Macfie, 1940b:74. Type-locality: Brazil, Simão, Doublo (?). Distr. — Brazil.
- PATAGONICA Ingram & Macfie, 1931:182, fig. 22 b (male genitalia). Type-locality: Argentina, Rio Negro, Lake Gutiérrez. Distr. — Argentina.
- PAULISTANA Forattini & Rabello, 1957:245, figs. 11-16 (all stages). Type-locality: Brazil, São Paulo, Parque da Água Funda. Distr. — Brazil.
- PENTALINEATA Wirth & Hubert, 1960:644, figs. 4, 26 (wing, palpus, spermatheca, male genitalia, scutum). Type-locality: Mexico, Baja California, San Felipe, reared from *Lophocereus cactus*. Distr. — U.S.A. (California), Mexico (Baja California).
- PENTHESILEAE Macfie, 1935:55. Type-locality: Brazil, Piauí, Tutóia. Distr. — Brazil.
- PHILOTHERMA Macfie, 1939a:202, fig. 18 (spermatheca, male genitalia). Type-locality: Costa Rica, San José, La Caja. Distr. — Costa Rica.



- PUMILA Macfie, 1939a:202, fig. 18 (spermatheca, male genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- PUSILLA (Lutz), 1913:65 (*Centrorhynchus*). Type-locality: Brazil, Serra da Boacaina, Bonito. Distr. — Brazil. Ref. — Lane, 1945:365, figs. 12, 13 (leg, wing) (types redescribed); Forattini & Rabello, 1957:241, figs. 1-10 (all stages).
- PYGMAEA (Williston), 1896:278, pl. 9, fig. 37 (wing) (*Ceratopogon*). Type-locality: St. Vincent. Distr. — West Indies (St. Vincent).
- PYRSONOTA Macfie, 1953: 104, fig. 5 (male genitalia). Type-locality: Costa Rica, San José, La Caja. Distr. — Costa Rica.
- REYNOLDSI Ingram & Macfie, 1931:185, fig. 23 d-f (male genitalia). Type-locality: Chile, Tierra del Fuego, Río Grande, Estancia Viamonte. Distr. — Chile.
- SANCTAEMARTHAE (Kieffer), 1917:306 (*Culicoides*). Type-locality: Colombia, Santa Marta. Distr. — Colombia.
- SCISSURAE Macfie, 1937:15, fig. 5 (male genitalia). Type-locality: Trinidad, St. Augustine. Distr. — Neotropical, Bermuda. Ref. — Macfie, 1953:103 (redescribed, Costa Rica).
- SHANNONI Ingram & Macfie, 1931:183, fig. 23 a-c (male genitalia). Type-locality: Chile, Ensenada. Distr. — Chile.
- SPATHICERCUS Wirth, 1969:577, figs. 8-9 (male genitalia, female abdomen). Type-locality: Galápagos Islands, Isla Fernandina, Punta Espinosa. Distr. — Galápagos Islands.
- THALESTRIS Macfie, 1935:55. Type-locality: Brazil, Piauí, Tutóia. Distr. — Brazil, Guyana, Trinidad. Ref. — Macfie, 1937:12, fig. 4 (male genitalia, spermatheca) (redescribed, Trinidad).
- VILLOSIPES (Kieffer), 1917:305, fig. 10 (antenna) (*Culicoides*). Type-locality: Paraguay. Distr. — Paraguay. N. COMB.
- VIRIDANS Forattini & Rabello, 1957:247, figs. 19-22 (wing, antenna, palpus, spermatheca). Type-locality: Brazil, Rio de Janeiro, km 47, Estrada Rio-São Paulo. Distr. — Brazil.

Genus PARADASYHELEA Macfie

- PARADASYHELEA Macfie, 1940:17. Type-species, *Dasyhelea brevipalpis* Ingram & Macfie (orig. des.).
Refs. — Wirth & Lee, 1959:114 (revision); Wirth & Blanton, 1969b:97 (notes).
- BREVIPALPIS (Ingram & Macfie), 1931:178, fig. 20 (antenna, palpus, male genitalia), fig. 21 (wing) (*Dasyhelea*). Type-locality: Argentina, Rio Negro, Lake Nahuel Huapi. Distr. — Argentina.

Subfamily CERATOPOGONINAE

Tribe CULICOIDINI

Genus CULICOIDES Latreille

- CULICOIDES Latreille, 1809:251. Type-species, *punctatus* Latreille (mon).
Refs. — Lima, 1937a:411 (key to Neotropical species); Adamson, 1939:79 (habits, Trinidad); Fox, 1946:249 (key to Caribbean species); Barbosa, 1947:3 (revision, key to Neotropical species); Macfie, 1948:69

(key to Caribbean species); Vargas, 1949:191 (list of world species); Ortiz, 1951c:8 (key to Venezuelan species); Ortiz & León, 1955:564 (review, key to Ecuadorean species); Aitken, 1957:23 (habits, Trinidad); Forattini, 1957:161 (revision of Neotropical species); Forattini, Rabello, & Pattoli, 1957:312 (larval habitats, photos); Forattini, Rabello, & Pattoli, 1958:1 (larval habitats, biology, adult habits of Brazilian species); Vargas, 1958:75 (list of Mexican species); Vargas & Garza, 1959:203 (key to subgenera, list of world species); Wirth & Blanton, 1959:237 (revision and key to Panama species); Vargas, 1960:35 (key to subgenera); Cavalieri & Chiossone, 1966b:145 (notes on Argentine species); Wirth & Lee, 1967:1 (species of Colombian Paramos); Davies, 1967:39 (larval habits, mangrove species, Jamaica); Gutsevich, Garcia, & Gonzalez, 1969:1 (distribution; Cuba); Vargas, 1969:783 (disease transmission); Ortiz, 1969:31 (group classification); Linley & Davies, 1971:264 (biology and control in Caribbean area).

Subgenus ANILOMYIA Vargas

Culicoides, subg. ANILOMYIA Vargas, 1960:37. Type-species. *Culicoides covagarciai* Ortiz (orig. des.).

Refs. — Wirth & Blanton, 1956b:58 (rev., key, as *covagarciai* group); Wirth & Blanton, 1970d:141 (revision and key to *nigrigenus* group).

CHRYSONOTUS Wirth & Blanton, 1956b:226, fig. 9 (wing, palpus, spermathecae), male genitalia). Type-locality: Panama, Chiriquí, El Volcán. Distr. — Panama. Refs. — Forattini, 1957:256, fig. 31 (wing, thorax, palpus, antenna, eyes, male genitalia); Wirth & Blanton, 1959:312, fig. 22 (wing, scutum, palpus, tibial comb, spermathecae, male genitalia).

COVAGARCIAI Ortiz, 1950c:457, plates 5, 6 (wing, scutum, spermathecae, palpus, antenna, male genitalia). Type-locality: Venezuela, D.F., Caracas. Distr. — Panama, Venezuela. Refs. — Wirth & Blanton, 1956b:216, fig. 3 (wing, palpus, spermathecae, male genitalia); Forattini, 1957:273, fig. 37 (wing, thorax, palpus, antenna, eyes, male genitalia); Wirth & Blanton, 1959:304, fig. 18 (wing, scutum, palpus, tibial comb, spermathecae, male genitalia) (synonym: *beebei*).

beebei Fox, 1952:366, fig. 4 (wing, palpus, spermathecae, tibial comb). Type-locality: Venezuela, Rancho Grande.

DECOR (Williston), 1896:281, plate 9, fig. 35 (wing) (*Ceratopogon*). Type-locality: St. Vincent. Distr. — West Indies (Dominica, St. Vincent, St. Lucia). Ref. — Wirth & Blanton, 1970d:145, fig. 2 (antenna, palpus, eyes, wing, leg, spermathecae, male genitalia).

DOMINICANUS Wirth & Blanton, 1970d:146, fig. 3 (antenna, palpus, eyes, wing, spermathecae, leg, male genitalia). Type-locality: Dominica, Pont Cassé. Distr. — West Indies (Dominica).

EFFERUS Fox, 1952:365, fig. 3 (wing, antenna, palpus, tibial comb, spermathecae). Type-locality: Peru, Rio Charape. Distr. — Honduras, Nicaragua, Panama, Peru. Refs. — Wirth & Blanton, 1956a:217, fig. 4 (wing, palpus, spermathecae, male genitalia); Forattini, 1957:266, fig. 35 (wing, thorax, palpus, antennae, eyes, male genitalia); Wirth & Blanton, 1959:299, fig. 15 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

FARRI Wirth & Blanton, 1970d:148, fig. 4 (antenna, wing, palpus, eye separation, leg, spermathecae, male genitalia). Type-locality: Jamaica, Hardwar Gap. Distr. — West Indies (Jamaica).



- HAYESI Matta, 1967:75, figs. 1-10 (all stages). Type-locality: Honduras, Dist. Central, La Tigra. Distr. — Mexico, Honduras. Ref. — Wirth & Blanton, 1970d:149 (notes).
- LUTEALARIS Wirth & Blanton, 1956b:225, fig. 8 (wing, palpus, spermathecae, male genitalia). Type-locality: Panama, Chiriquí, El Volcán. Distr. — Costa Rica, Panama. Refs. — Forattini, 1957:260, fig. 32 (wing, palpus, male genitalia); Wirth & Blanton, 1959:310, fig. 21 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- MARSHI Wirth & Blanton, 1956b:220. Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama. Ref. — Wirth & Blanton, 1959:302, fig. 17 (wing, thorax, palpus, tibial comb, spermathecae).
- METAGONATUS Wirth & Blanton, 1956b:221, fig. 6 (wing, palpus, spermathecae, male genitalia). Type-locality: Panama, Cerro Campana. Distr. — Nicaragua, Panama. Refs. — Forattini, 1957:38 (wing, thorax, palpus, antenna, eye separation, male genitalia); Wirth & Blanton, 1959:306, fig. 19 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- NIGRIGENUS Wirth & Blanton, 1956b:222, fig. 7 (wing, palpus, spermathecae, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Mexico, Panama, Colombia, Trinidad. Refs. — Forattini, 1957:262, fig. 33 (wing, thorax, palpus, antenna, eye separation; male genitalia); Wirth & Blanton, 1959:308, fig. 20 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- POPAYANENSIS Wirth & Lee, 1967:10, fig. 3, plate 1, fig. 4 (wing, antenna, palpus, eyes, tibial comb, spermathecae, male genitalia). Type-locality: Colombia, Cauca, Purace. Distr. — Colombia.
- ROSTRATUS Wirth & Blanton, 1956b:218, fig. 5 (wing, palpus, spermathecae, male genitalia). Type-locality: Panama, Cerro Campana. Distr. — Panama. Refs. — Forattini, 1957:268, fig. 36 (wing, thorax, palpus, eye separation, male genitalia); Wirth & Blanton, 1959:301, fig. 16 (wing, mesonotum, palpus, tibial comb, spermathecae, male genitalia).

Subgenus AVARITIA Fox

- Culicoides*, subg. AVARITIA Fox, 1955:218. Type-species, *Ceratopogon obsoletus* Meigen (orig. des.).
Ref. — Wirth & Lee, 1967:4 (diagnosis; revision of *andicola* group).
- ANDICOLA Wirth & Lee, 1967:5, fig. 1 a-c, plate 1, fig. 1 (wing, antenna, palpus, spermathecae). Type-locality: Colombia, Cauca, Páramo de Purace, Lago Buey. Distr. — Colombia.
- ORJUELAI Wirth & Lee, 1967:6, fig. 1 d-g, plate 1, fig. 2 (wing, eyes, antenna, palpus, spermathecae). Type-locality: Colombia, Cauca, Páramo de Purace. Distr. — Colombia.
- PURACENSIS Wirth & Lee, 1967:7, fig. 2, a-f, plate 1, fig. 3 (wing, antenna, eye separation, palpus, spermathecae, male genitalia). Type-locality: Colombia, Páramo de Purace, Lago Buey. Distr. — Colombia.
- PUSILLODES Wirth & Blanton, 1955a: 104, fig. 3 (wing, palpus, spermathecae, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Guatemala to Panama. Refs. — Forattini, 1957:287, fig. 45 (wing, thorax, antenna, palpus, eye separation, male genitalia); Wirth & Blanton, 1959:290, fig. 11 (wing, palpus, thorax, tibial comb, spermathecae, male genitalia).

PUSILLUS Lutz, 1913:52, plate 7, fig. 4 (wing). Type-locality: Brazil, Rio de Janeiro, Manguinhos. Distr. — Mexico to Brazil, West Indies, Galápagos Islands. Refs. — Macfie, 1938:165, fig. 8 a-c (male genitalia); Forattini, 1957:284, fig. 44 (wing, thorax, palpus, eye separation, antenna, male genitalia); Wirth & Blanton, 1959:292, fig. 12 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

Subgenus BELTRANMYIA Vargas

Culicoides, subg. BELTRANMYIA Vargas, 1953:34. Type-species, *Culicoides crepuscularis* Malloch (orig. des.).

CREPUSCULARIS Malloch, 1915a:303, plate 20, figs. 7, 16, plate 22, fig. 7, plate 23, fig. 3 (wing, thorax, antenna, male genitalia). Type-locality: U.S.A., Illinois, Dubois. Distr. — North America (British Columbia to Quebec, south to California, and Florida), Bermuda, Mexico, Honduras, Costa Rica.

Subgenus CULICOIDES Latreille

ELUTUS Macfie, 1948:75, fig. 1 (wing). Type-locality: Mexico, Chiapas, El Carrizal. Distr. — Mexico to Panama. Refs. — Wirth & Blanton, 1956g:58, fig. 1 (wing, palpus, spermathecae, male genitalia); Forattini, 1957:250, fig. 29 (wing, thorax, palpus, eye separation, antenna, male genitalia); Wirth & Blanton, 1959:295, fig. 13 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

tristriatulus Hoffman, of Vargas, 1945:45 (Mexico records; fig. male genitalia).

LUTEOVENUS Root & Hoffman, 1937:156, figs. 5, 28 (wing, male genitalia). Type-locality: Mexico, D. F., San Jacinto. Distr. — Mexico to Panama. Refs. — Wirth & Blanton, 1956b:214, fig. 2 (wing, palpus, spermathecae, male genitalia); Forattini, 1957:253, fig. 30 (wing, thorax, palpus, antenna, eyes, male genitalia); Wirth & Blanton, 1959:297, fig. 14 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

NEOPULICARIS Wirth, 1955b:355, fig. 1 (wing, palpus, male genitalia). Type-locality: U.S.A., Texas, Kerrville. Distr. — U.S.A. (Texas), Mexico to Costa Rica. Ref. — Wirth & Blanton, 1969a:229, fig. 9 (antenna, palpus, wing, eye separation, spermathecae, male genitalia).

yukonensis Hoffman, of Vargas, 1945:45 (Mexico record).

Subgenus DIPHAOMYIA Vargas

Culicoides, subg. DIPHAOMYIA Vargas, 1960:40. Type-species, *Culicoides baueri* Hoffman (orig. des.).

BLANTONI Vargas & Wirth, 1955:33, figs. a-d (wing, palpus, male genitalia, spermathecae). Type-locality: Mexico, Tamaulipas, Ciudad Mante. Distr. — U.S.A. (Texas), Mexico (Morelos, Sinaloa, Tamaulipas).

EVANSI Wirth & Blanton, 1959:342, fig. 35 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia). Type-locality: Panama, Chiriquí, El Volcán. Distr. — Panama.

HAEMATOPOTUS Malloch, 1915a:302. Type-locality: U.S.A., Illinois, Urbana. Distr. — U.S.A., southern Canada, Mexico. Ref. — Vargas, 1945:44 (Mexico records).

- IRIARTEI Fox, 1952:368, fig. 6 (wing, palpus, spermathecae, tibial comb). Type-locality: Venezuela, Zulia, La Salina. Distr. — Honduras, Panama, Venezuela. Ref. — Wirth & Blanton, 1959:344, fig. 36 (wing, palpus, tibial comb, spermathecae, male genitalia) (synonymy, distribution).
- vargasi* Wirth & Blanton, 1953a:74, fig. 5 (thorax, wing, palpus, male genitalia). Type-locality: Panama, Los Santos, Las Tablas.
- baueri* Hoffman, of authors; Ortiz & Mirsa, 1951:599, figs. 9-12, 31 (wing, thorax, spermathecae, antenna, palpus) (Venezuela); Forattini, 1957:475, fig. 118 (wing, thorax, palpus, antenna, eyes, male genitalia) (synonymy, distribution).
- bahueri*, error for *baueri* Hoffman, of Ortiz, 1951.
- MARINKELLEI Wirth & Lee, 1967:13, fig. 4 a-f, plate 1, fig. 5 (wing, antenna, eye separation, palpus, spermathecae, male genitalia). Type-locality: Colombia, Cauca, Páramo de Purace, Lago Buey. Distr. — Colombia.

Subgenus DRYMODESMYIA Vargas

- Culicoides*, subg. DRYMODESMYIA Vargas, 1960:40. Type-species, *Culicoides copiosus* Root & Hoffman (orig. des.).
Ref. — Wirth & Hubert, 1960:646 (revision, key, as *copiosus* group).
- ARIZONENSIS Wirth & Hubert, 1960:655, figs. 14, 35 (wing, palpus, spermathecae, male genitalia). Type-locality: U. S. A., Arizona, Maricopa Co., Morristown. Distr. — U. S. A. (Arizona, California), Mexico (Baja California).
- BAKERI Vargas, 1954:27, fig. A, 1-5 (wing, palpus, antenna, male genitalia). Type-locality: Mexico, D.F., Lomas de Chapultepec. Distr. — Mexico. Ref. — Wirth & Hubert, 1960:652, fig. 31 (palpus, spermathecae, male genitalia) (redescribed from type).
- BORINQUENI Fox & Hoffman, 1944:110, fig. 4 (wing). Type-locality: Puerto Rico, Palmas Abajo, reared from tree hole. Distr. — West Indies (Jamaica, Puerto Rico). Refs. — Fox, 1949:30, fig. 2 (wing, palpus, spermathecae, male genitalia); Forattini, 1957:368, fig. 74 (wing, palpus, male genitalia, pupa); Wirth & Hubert, 1960:658, fig. 18 (wing); Linley, 1965b:57, figs. (pupa) (Jamaica).
- species 2*; Fox, 1942:417, fig. 4 (pupa).
- COPIOSUS Root & Hoffman, 1937:171, fig. 26 (male genitalia). Type-locality: Mexico, D.F., San Jacinto. Distr. — U.S.A. (California to Texas), Mexico (Baja California, Sonora to D.F.). Ref. — Wirth & Hubert, 1960:657, figs. 16, 37 (wing, palpus, spermathecae, male genitalia).
- INSOLATUS Wirth & Hubert, 1960:654, figs. 13, 34 (wing palpus, spermathecae, male genitalia). Type-locality: Mexico, Baja California, San Felipe. Distr. — Mexico (Baja California).
- JAMAICENSIS Edwards, 1922:165, fig. 10 (wing) (as *loughnani* var). Type-locality: Jamaica, Kingston. Distr. — U.S.A. (s. Texas), Mexico and Central America to Venezuela, West Indies. Refs. — Wirth & Blanton, 1959:339, fig. 34 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia); Wirth & Hubert, 1960:649, fig. 7 (wing).
- loughnani* Edwards (misidentification); Ortiz & Mirsa, 1952a:271, figs. 39-45 (palpus, antenna, wing, spermathecae, male genitalia); in part, of Forattini, 1957:412, fig. 93.

- LOUGHNANI Edwards, 1922:165, fig. 9 (wing). Type-locality: Jamaica, Kingston. Distr. — U.S.A. (Texas, Florida), West Indies (Cuba, Bahamas, Jamaica). Ref. — Wirth & Hubert, 1960:649, figs. 6, 27 (wing, palpus, spermathecae, male genitalia).
- PANAMENSIS Barbosa, 1947:22, plate 1, fig. 4 (palpus), plate 3, fig. 2 (male genitalia), plate 9, fig. 2 (thorax). Type-locality: Panama, C.Z., Barro Colorado Island, from *Heliconia* bracts. Distr. — Mexico, Guatemala, Panama, West Indies (Jamaica). Ref. — Wirth & Blanton, 1959:334, fig. 32 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- alambiculorum* Macfie, 1948:81, fig. 5 (wing). Type-locality: Mexico, Chiapas, El Vergel.
- PILOSUS Wirth & Blanton, 1959:332, fig. 31 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama.
- POIKILONOTUS Macfie, 1948:82, fig. 7 (wing). Type-locality: Mexico, Chiapas, El Vergel. Distr. — Mexico to Panama, Venezuela. Refs. — Forattini, 1957:407, fig. 91 (wing, palpus, male genitalia); Wirth & Blanton, 1959:337, fig. 33 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- cacozeus* Macfie, 1948:85, fig. 10 (wing). Type-locality: Mexico, Chiapas, El Vergel.
- hertigi* Wirth & Blanton, 1953b:229, fig. 1 (wing, palpus, thorax, male genitalia). Type-locality: Panama, Coclé, Río Hato.
- RYCKMANI Wirth & Hubert, 1960:656, figs. 15, 36 (wing, palpus, spermathecae, male genitalia). Type-locality: U.S.A., California, Los Angeles Co., San Dimas Canyon. Distr. — U.S.A. (Arizona, California, Texas), Mexico (Baja California).
- SITIENS Wirth & Hubert, 1960:652, figs. 10, 30 (wing, palpus, spermathecae, male genitalia). Type-locality: U.S.A., California, Los Angeles Co., San Dimas Canyon, reared from *Opuntia* cactus. Distr. — U.S.A. (Arizona, California), Mexico (Baja California).
- TORRIDUS Wirth & Hubert, 1960:654, figs. 12, 33 (wing, palpus, thorax, spermathecae, male genitalia). Type-locality: Mexico, Baja California, San Felipe. Distr. — Mexico (Baja California).
- WIRTHOMYIA Vargas, 1953b:227, figs. (wing, male genitalia). Type-locality: Mexico, Guerrero, Iguala. Distr. — Mexico (Guerrero).

Subgenus GLAPHIROMYIA Vargas

- Culicoides*, subg. GLAPHIROMYIA Vargas, 1960:40. Type-species, *Culicoides scopus* Root & Hoffman (orig. des.).
- SCOPUS Root & Hoffman, 1937:170, figs. 24, 36 (wing, male genitalia). Type-locality: Mexico, D.F., San Jacinto. Distr. — Mexico, Panama. Ref. — Wirth & Blanton, 1959:347, fig. 37 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

Subgenus HOFFMANIA Fox

- Culicoides*, subg. HOFFMANIA Fox, 1948:21. Type-species, *Culicoides inamollae* Fox & Hoffman (orig. des.) = *insignis* Lutz.

Refs. — Ortiz, 1950c:437 (review of Neotropical species); Wirth & Blanton, 1956f:305 (revision of *guttatus* group); Wirth & Blanton, 1956c:95 (revision of *hylas* group); Wirth & Blanton, 1968a:201 (revision of *hylas* group).

AITKENI Wirth & Blanton, 1968a:214, fig. 7 (wing, antenna, palpus, legs, spermathecae). Type-locality: Trinidad, Macqueripe. Distr. — Trinidad.

BIMACULATUS Floch & Ahonnenc, 1942h:3, fig. 1 a (wing, palpus). Type-locality: French Guiana, Cayenne. Distr. — French Guiana.

BRASILIANUS Forattini, 1956b:81, figs. 1-5 (wing, antenna, eye separation, palpus, thorax). Type-locality: Brazil, São Paulo, São Vicente. Distr. — Brazil.

COUTINHOI Barretto, 1944:96, fig. 13 (male antenna, palpus, genitalia), plate 13, fig. 5 (wing). Type-locality: Brazil, São Paulo, Juquiá, Prainha. Distr. — French Guiana, Brazil. Refs. — Barbosa, 1947:13, plate 2, fig. 2 (palpus), plate 9, fig. 1 (thorax); Wirth & Blanton, 1956f:314, fig. 2 (wing, palpus, spermathecae, male genitalia) (redescribed).

DIABOLICUS Hoffman, 1925:294, plate 1, fig. 7, plate 2, fig. 12 (wing, thorax). Type-locality: Panama, Cabima, "hites like the devil". Distr. — Mexico to Panama. Refs. — Vargas, 1944:163, figs. 3-8 (male genitalia, legs, antenna, palpus) (Mexico); Fox, 1948:24, fig. 5 (palpus, male genitalia) (Panama); Wirth & Blanton, 1956f:316, fig. 3 (wing, palpus, spermathecae, male genitalia) (distribution); Wirth & Blanton, 1959:109, figs. 2, 7 (habitus, parts) (synonymy, distribution, redescribed).

FILARIFER Hoffman, 1939:172, figs. 1-3 (wing, thorax, palpus). Type-locality: Mexico, Chiapas, El Vergel, Huixtla. Distr. — Mexico, Central America.

FLAVIVENULA Lima, 1937a:418, fig. 4 (palpus). Type-locality: Brazil, Rio de Janeiro, Japuiha, Angra dos Reis. Distr. — Brazil. Refs. — Forattini, 1954a:135, figs. 1, 2 (wing, palpus, male genitalia); Forattini, 1957:235, fig. 24 (wing, thorax, palpus, antenna, male genitalia) (distribution); Wirth & Blanton, 1956f:318, fig. 9 (wing, palpus, spermathecae) (topotypes redescribed).

FOXI Ortiz, 1950:461. Type-locality: Puerto Rico, Campo Tortuguero (Fox, 1949:31, as *guttatus*). Distr. — Central and South America from Honduras to Argentina (Corrientes), West Indies (Jamaica, Puerto Rico, Dominica). Refs. — Ortiz, 1951c:4, plate 2 (male genitalia, wing, palpus, spermathecae, thorax); Wirth & Blanton, 1956f:309, fig. 1 (wing, spermathecae, palpus, male genitalia) (distribution); Forattini, 1957:205, fig. 15 (wing, thorax, antenna, palpus, male genitalia) (Brazil distribution); Wirth & Blanton, 1959:283, fig. 8 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia) (synonymy; Panama, distribution).

diabolicus Hoffman, misidentification; Floch & Abonnenc, 1942:2, fig. 2a (wing, palpus) (French Guiana).

guttatus (Coquillett), of authors

GUTTATUS (Coquillett), 1904a: 35 (*Ceratopogon*). Type-locality: Brazil, São Paulo, Serra da Cantareira. Distr. — Brazil. Refs. — Lima, 1937a:416, fig. 1 (wing) (Brazil); Barretto, 1944:91, fig. 9 (male palpus, genitalia), plate 1, fig. 2 (wing) (male described); Forattini, 1955:103, fig. 1 (wing, palpus, thorax, eye separation, antenna, male genitalia); Wirth & Blanton, 1956f:312, fig. 7 (wing) (type redescribed); Forattini, 1957:208, fig. 16 (many parts).

HELICONIAE Fox & Hoffman, 1944:108, fig. 1 (wing). Type-locality: Venezuela, Maracay, reared from bromeliads. Distr. — Honduras to Colombia, Ve-

nezuela, Trinidad, West Indies (Grenada). Ref. — Wirth & Blanton, 1968:205, fig. 2 (antenna, palpus, wing, legs, spermathecae, male genitalia, pupa) (redescription, distribution, synonymy).

species 3, Fox, 1942:418, figs. 19, 24 (pupa).

rozeboomi Barbosa, 1947:26, figs. (palpus, thorax, wing, male genitalia). Type-locality: Trinidad.

HYLAS Macfie, 1940a:26, fig. 2 (wing). Type-locality: Guyana, New River. Distr. — Mexico to Brazil and Peru — Refs. — Forattini, 1957:243, figs. 26-27 (wing, thorax, palpus, antenna, eye separation, male genitalia); Wirth & Blanton, 1959:276, fig. 5 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia); Wirth & Blanton, 1968:203, fig. 1 (antenna, palpus, wing, legs, eye separation, spermathecae, male genitalia).

IGNACIOI Forattini, 1957:215, fig. 17 (wing, thorax, eye separation, antenna, palpus, male genitalia). Type-locality: Brazil, São Paulo, Boracéia, Saleópolis. Distr. — Brazil.

INSIGNIS Lutz, 1913:51, plate 7, fig. 3 (wing). Type-locality: Brazil, Rio de Janeiro and Bahia. Distr. — U.S.A. (Florida), Mexico to Brazil, Argentina (Corrientes), West Indies. Refs. — Lima, 1937a:415, fig. 3 (palpus) (notes on Lutz collection); Wirth & Blanton, 1956f:319, fig. 6 (wing, palpus, spermathecae, male genitalia) (synonymy); Forattini, Rabello & Pattoli, 1956:195, figs. 1-7 (larva, pupa) (immature stages, Brazil); Forattini, 1957: 223, figs. 20-22 (wing, thorax, palpus, eye separation, antenna, male genitalia, larva, pupa); Wirth & Blanton, 1959:285, fig. 9 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia); Linley, 1965b:57, figs. (pupa) (Jamaica).

inamollae Fox & Hoffman, 1944:110, fig. 2 (wing). Type-locality: Puerto Rico, Mayaguez.

painteri Fox, 1946:257, fig. 10 (wing). Type-locality: Honduras, Puerto Castilla.

LUTZI Lima, 1937a:419, fig. 5 b (palpus). Type-locality: Brazil, Pará, Abaeté. Distr. — Guyana, Brazil. Refs. — Wirth & Blanton, 1956f:318, fig. 8 (wing); Forattini, 1957:237, fig. 25 (wing, thorax, palpus, eye separation, antenna, palpus, male genitalia).

MARUIM Lutz, 1913:48, plate 7, fig. 1 (wing), plate 8, figs. 14, 16, 19 (egg, pupa, palpus). Type-locality: Brazil, Rio de Janeiro, São Paulo, Bahia, Trinidad, mangrove zone. Distr. — Trinidad, Venezuela, French Guiana, Brazil. Refs. — Forattini & Galvão, 1955:225, figs. 1-3 (wing, palpus, antenna, thorax, male genitalia) (redescribed from types); Wirth & Blanton, 1956f:323, fig. 4 (wing, palpus, spermathecae, male genitalia) (syn.: *recifei*).

recifei Barbosa, 1947:25. Type-locality: Brazil, Pernambuco, Recife.

lutzi Lima: Floch & Abonnene, 1942a:2, fig. 2b (wing, palpus) (French Guiana); Floch & Abonnene, 1942b:2, fig. 1c (wing, palpus, male genitalia).

insignis Lutz: Barbosa, 1944:259, figs. 1-4 (wing, palpus, male genitalia) (Brazil).

OCUMARENSIS Ortiz, 1950c:455, plates 3, 4 (antenna, palpus, spermathecae, thorax, wing, male genitalia). Type-locality: Venezuela, Miranda, Ocumare del Tuy. Distr. — Venezuela, Ecuador. Ref. — Ortiz & León, 1954:571 (redescribed, Ecuador).



- PALPALIS Macfie, 1948:78, fig. 3 (wing, palpus). Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico to Peru and Venezuela. Ref. — Wirth & Blanton, 1968:207, fig. 3 (wing, antenna, palpus, legs, spermathecae, male genitalia).
- contubernalis* Ortiz & León, 1954:574, figs. 24-27 (wing, antenna, palpus, spermathecae) (*rozeboomi* var.) Type-locality: Ecuador, San Miguel de los Colorados.
- POLYPORI Wirth & Blanton, 1968a:212, fig. 6 (wing, antenna, palpus, legs, spermathecae, male genitalia). Type-locality: Panama, C. Z., Barro Colorado I., from bracket fungus. Distr. — Honduras to Colombia and Brazil.
- luteovenus* Root & Hoffman; Barbosa, 1947:21 (Panama, from bracket fungus).
- PSEUDODIABOLICUS Fox, 1946:256, fig. 1 (wing). Type-locality: Trinidad, Camuto Village. Distr. — Mexico to Colombia and Brazil, Trinidad.
- RUIZI Forattini, 1954b:189, figs. 1-2 (wing, thorax, palpus, male genitalia). Type-locality: Brazil, Goiás, Aruanã. Distr. — Brazil. Refs. — Wirth & Blanton, 1956f:310, fig. 10 (wing, spermathecae, palpus); Forattini, 1957:201, fig. 13 (wing, eye separation, antenna, palpus, thorax).
- TRAVASSOSI Forattini, 1957:198, fig. 12 (eye separation, thorax, wing, palpus, antenna, male genitalia). Type-locality: Brazil, Pará, Serra do Cachimbo. Distr. — Brazil (Pará, Mato Grosso).
- TRINIDADENSIS Hoffman, 1925:286, plate 2, fig. 6 (wing). Type-locality: Trinidad, Port of Spain, Caronia River. Distr. — Nicaragua, Panama, Trinidad, West Indies (Bahamas, Cuba). Refs. — Wirth & Blanton, 1956f:324, fig. 5 (wing, palpus, spermathecae, male genitalia) (synonyms: *diminutus*, *oliveri*); Forattini, 1957:231, fig. 23 (wing, thorax, antenna, palpus, eye separation, male genitalia); Wirth & Blanton, 1959:287, fig. 10 (wing, thorax, tibial comb, palpus, spermathecae, male genitalia).
- oliveri* Fox & Hoffman, 1944:108, fig. 5 (male genitalia). Type-locality: Haiti, Mariani.
- wokei* Barbosa, 1947 (Nov.): 28, fig. (palpus, male genitalia) (preoccupied by *wokei* Fox 1947 (June). Type-locality: Panama, Canal Zone, Balboa (lectotype selected, Wirth & Blanton, 1956e:325).
- diminutus* Barbosa, 1951:163 (nom. nov. for *wokei* Barbosa, not Fox).
- VERECUNDUS Macfie, 1948:76, fig. 2 (wing). Type-locality: Mexico, Chiapas, El Vergel. Distr. — Mexico to Ecuador. Ref. — Wirth & Blanton, 1968:209, fig. 4 (antenna, wing, palpus, legs, spermathecae, male genitalia).
- XANIFER Wirth & Blanton, 1968a:210, fig. 5 (wing, antenna, palpus, legs, spermathecae, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Honduras, Costa Rica, Panama.

Subgenus MACFIELLA Fox

- Culicoides*, subg. MACFIELLA Fox, 1955:217. Type-species, *Ceratopogon phlebotomus* Williston (orig. des.).
- PHLEBOTOMUS (Williston), 1896:281, plate 9, fig. 46 (wing, palpus) (*Ceratopogon*). Type-locality: St. Vincent. Distr. — Mexico to Ecuador and Brazil, West Indies. Refs. — Painter, 1927:258, figs. 3, 8 (larva, pupa) (biology); Fox, 1942:419, fig. 1 (pupa); Wirth & Blanton, 1953c:114, figs. 1-2 (wing, male genitalia); (synonym: *amazonius*; distribution); Forattini, 1957:455, figs. 110-111 (pupa, wing, antenna, palpus, thorax,

eye separation, male genitalia); Wirth & Blanton, 1959:469, fig. 90 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

amazonius Macfie, 1935a:52, fig. 3 (male genitalia). Type-locality: Brazil, Piauí, Tutóia.

WILLISTONI Wirth & Blanton, 1953c:116, figs. 3-6 (wing, tarsus, palpus, male genitalia). Type-locality: Panama, Coclé, Rio Hato. Distr. — Panama. Refs. — Forattini, 1957:460, fig. 112 (wing, thorax, palpus, antenna, eye separation, male genitalia); Wirth & Blanton, 1959:471, fig. 91 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

Subgenus MONOCULICOIDES Khalaf

Culicoides, subg. MONOCULICOIDES Khalaf, 1954:39. Type-species, *Ceratopogon nubeculosus* Meigen (orig. des.).

VARIIPENNIS (Coquillett), 1901a:602 (*Ceratopogon*). Type-locality: U.S.A., Virginia, Richmond.

ssp. OCCIDENTALIS Wirth & Jones, 1957: 21. Type-locality: U.S.A., California, Lake Co., Borax Lake. Distr. — North America (British Columbia to California and Arizona), Mexico (Baja California).

ssp. SONORENSIS Wirth & Jones, 1957:18. Type-locality: U.S.A., Arizona, Cochise Co., St. David. Distr. — U.S.A. (California to Washington and Tennessee), Mexico (Guerrero, D.F., Nuevo León, Puebla, Sonora).

Subgenus OECACTA Poey

OECACTA Poey, 1851:238 (as genus). Type-species, *furens* Poey (mon.).

Psychophaena Philippi, 1865:628. Type-species, *pictipennis* Philippi (mon.) = *venezuelensis* Ortiz & Mirsa.

Haematomyidum Goeldi, 1905:137. Type-species, *paraensis* Goeldi (orig. des.).

Cotocripus Brèthes, 1912:451. Type-species, *caridei* Brèthes (mon.).

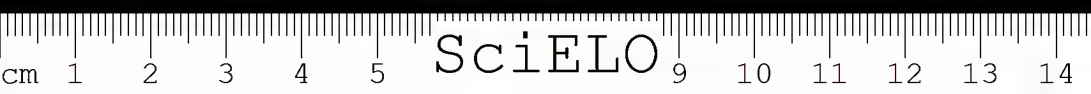
Culicoides, subg. *Mataemyia* Vargas, 1960:43. Type-species, *Culicoides mojingaensis* Wirth & Blanton (orig. des.).

ACOTYLUS Lutz, 1913:69, plate 8, figs. 11, 21 (wing, palpus). Type-locality: Brazil, Mato Grosso, Rio Tapajós, Salto Augusto. Distr. — Mexico, Panama, Colombia, Venezuela, Brazil (Pará, Mato Grosso). Refs. — Ortiz & Mirsa, 1952a:257, figs. 9, 15, 16 (palpus, wing, spermathecae) (synonym: *panamericanus*); Forattini, 1957:445, fig. 107 (wing, thorax, eye separation, palpus, antenna, male genitalia); Wirth & Blanton, 1959:367, fig. 46 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

panamericanus Fox, 1947:90, figs. 3, 4 (wing, palpus). Type-locality: Mexico, D.F., San Jacinto.

ALAHIALINUS Barbosa, 1952:11, plate 5, fig. 2 (palpus), plate 7 (wing). Type-locality: Ecuador, Esmeraldas, Limones. Distr. — Ecuador, Panama. Refs. — Ortiz & León, 1954:571, figs. 508 (wing, antenna, palpus, spermathecae); Forattini, 1957:316, fig. 53 (wing, thorax, eye separation, antenna, palpus); Wirth & Blanton, 1959:398, fig. 59 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

ALMIRANTEI Wirth & Blanton, 1959:454, fig. 84 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama.



- ANDINUS Wirth & Lee, 1967:17, figs. 5 c-g, plate 1, fig. 7 (wing, palpus, male genitalia). Type-locality: Colombia, Cauca, El Tambo, Finca Carpen-
teria. Distr. — Colombia.
- ARCHBOLDI Wirth & Blanton, 1970c:39, fig. 1 (wing, palpus, antenna, eye sepa-
ration, leg, spermathecae, male genitalia). Type-locality: Dominica,
Clarke Hall. Distr. — West Indies (Dominica, Trinidad).
- AUREUS Ortiz, 1951b:585, figs. 37-42 (palpus, scutum, wing, male genitalia).
Type-locality: Venezuela, Yaracuy, San Felipe. Distr. — Panama, Vene-
zuela, Trinidad. Refs. — Forattini, 1957:478, fig. 119 (wing, thorax,
palpus, antenna, eye separation, male genitalia) (synonym: *miyamotoi*);
Wirth & Blanton, 1959:447, fig. 81 (wing, scutum, palpus, tibial comb,
spermathecae, male genitalia).
- miyamotoi* Wirth & Blanton, 1953b:231, fig. 3 (wing, thorax, palpus, male
genitalia). Type-locality: Panama, C. Z., Loma Borracho.
- AVILAENSIS Ortiz & Mirsa, 1951:593, figs. 1-4, 26 (wing, palpus, antenna, thorax,
spermathecae). Type-locality: Venezuela, Miranda, Los Chorro. Distr.
— Venezuela. Ref. — Forattini, 1957:364, fig. 73 (wing, palpus, antenna).
- AZUREUS Wirth & Blanton, 1959:377, fig. 50 (wing, thorax, palpus, tibial comb,
spermathecae, male genitalia). Type-locality: Panama, Bocas del Toro,
Almirante. Distr. — Panama.
- BALSAPAMBENSIS Ortiz & León, 1954:579, figs. 30-31 (wing, palpus) (*pifanoi* ssp.).
Type-locality: Ecuador, Bolivar, Balsapamba. Distr. — Ecuador, Panama.
Refs. — Forattini, 1957:333, fig. 60 (wing, palpus, eye separation);
Wirth & Blanton, 1959:414, fig. 66 (wing, thorax, palpus, tibial comb,
spermathecae, male genitalia).
- BAMBUSICOLA Lutz, 1913:62, plate 7, fig. 10 (wing). Type-locality: Brazil, Rio
de Janeiro, Petrópolis (designated by Forattini, 1957:321). Distr. —
Colombia, Brazil. Refs. — Barretto, 1944:95, fig. 12, plate 2, fig. 4
(wing, male antenna, palpus, genitalia); Forattini, 1957:321, figs. 55-56
(wing, thorax, antenna, palpus, eye separation, male genitalia, pupa)
(synonym: *bahiensis*; larvae in bamboo).
- bahiensis* Barbosa, 1947:11, plate 2, fig. 5 (palpus), plate 4, fig. 2 (male
genitalia). Type-locality: Brazil, Bahia, from bamboo.
- BARBOSAI Wirth & Blanton, 1956e:161, fig. 2 (wing, thorax, palpus, spermathecae,
tibial comb, male genitalia). Type-locality: Panama, C.Z., Mojinga
Swamp. Distr. — U.S.A. (Florida), Panama, Ecuador, West Indies
(Bahamas, Cuba, Jamaica). Refs. — Lewis, 1958:723, figs. 21-23 (female
internal reproductive tract) (habits, Jamaica); Linley, 1965b:57, figs.
(pupa); Wirth & Blanton, 1959:400, fig. 60 (wing, thorax, palpus, tibial
comb, spermathecae, male genitalia).
- BIRABENI Cavalieri, 1966:59, figs. 1-10 (wing, thorax, antenna, legs, tibial comb,
palpus, eye separation, spermathecae). Type-locality: Venezuela, Sucre,
Cariaguito. Distr. — Venezuela.
- CAMPOSI Ortiz & León, 1954:580, figs. 34-37 (wing, thorax, palpus, antenna).
Type-locality: Ecuador, Pichincha, Zapallo Grande, San Miguel de los
Colorados. Distr. — Panama, Ecuador. Ref. — Wirth & Blanton,
1959:356, fig. 41 (wing, thorax, palpus, tibial comb, spermathecae, male
genitalia) (synonym: *fairchildi*).
- fairchildi* Wirth & Blanton, 1955a:102, fig. 2 (wing, palpus, spermathecae,
male genitalia). Type-locality: Panama, C.Z., Madden Dam.

- CANCER Hogue & Wirth, 1968:2, figs. 1-13 (all stages). Type-locality: Costa Rica, Puntarenas, Golfo de Nicoya, Boca de Barranca, from crab holes. Distr. — Costa Rica.
- CAPRILESI Fox, 1952:364, fig. 1 (wing, palpus, eye separation, tibial comb, spermathecae, antenna). Type-locality: Venezuela, Mt. Marahuaca. Distr. — Panama, Venezuela. Refs. — Forattini, 1957:315, fig. 52 (wing, thorax, antenna, palpus, eye separation, male genitalia); Wirth & Blanton, 1959:456, fig. 85 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia) (synonym: *kintzi*).
- kintzi* Wirth & Blanton, 1953a:72, fig. 2 (wing, palpus, male genitalia). Type-locality: Panama, C.Z., Mojinga Swamp.
- pachymerus* Lutz; Ortiz, 1958:39, figs. 1-5 (legs, antenna, palpus, spermatheca) (Venezuela).
- CARIDEI (Brèthes), 1912:451, fig. (female) (*Cotocripus*). Type-locality: Argentina, Buenos Aires, Berazategui. Distr. — Brazil, Uruguay, Argentina. Refs. — Lane, 1945:366, figs. 14-15 (wing, antenna) (synonym: *setifer*); Wirth, 1960b:44 (redescribed; synonymy).
- setifer* Lutz, 1913:64, plate 8, fig. 13 (wing) (*Centrorhynchus*). Type-locality: Brazil, Rio Grande do Sul, Santa Vitória do Palmar.
- CARPENTERI Wirth & Blanton, 1953a:72, fig. 3 (wing, thorax, palpus, male genitalia). Type-locality: Panama, C.Z., Madden Dam. Distr. — Panama. Ref. — Wirth & Blanton, 1959:358, fig. 42 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- CARSOMELAS Wirth & Blanton, 1955a:100, fig. 1 (wing, palpus, spermathecae, male genitalia). Type-locality: Panama, C.Z., Mojinga Swamp. Distr. — Panama. Ref. — Forattini, 1957:404, fig. 89 (wing, palpus, male genitalia); Wirth & Blanton, 1959:365, fig. 45 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- CASTILLAE Fox, 1946:251, figs. 2-3 (wing, thorax). Type-locality: Honduras, Puerta Castilla. Distr. — Guatemala to Panama, Ecuador, Venezuela. Refs. — Forattini, 1957:499, fig. 127 (wing, palpus, male genitalia); Wirth & Blanton, 1959:416, fig. 67 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia) (synonym: *gibsoni*).
- gibsoni* Wirth, 1952d:246, fig. 1 d-f (wing, spermatheca, palpus). Type-locality: Guatemala, Chimaltenango, San Pedro Yepocapa.
- CAUCAENSIS Wirth & Lee, 1967:19, figs. 6 a-d, plate 1, fig. 8 (wing, antenna, eye separation, palpus, spermathecae). Type-locality: Colombia, Cauca, Páramo Purace. Distr. — Colombia.
- CRUCIFER Clastrier, 1968:85, fig. 1 (wing, head, antenna, palpus, tibial comb, male and female genitalia). Type-locality: French Guiana, Cayenne, reared from tree hole. Distr. — Trinidad, French Guiana, Guyana.
- DARLINGTONAE Wirth & Blanton, 1971:39, fig. 2 (antenna, palpus, wing, eye separation, spermathecae, male genitalia). Type-locality: Trinidad, Tamana Caves. Distr. — Trinidad.
- DASYOPHRUS Macfie, 1940a:27. Type-locality: Guyana, New River. Distr. — Venezuela, Guyana, Brazil. Refs. — Wirth & Blanton, 1956d:186, fig. 1 (wing, palpus, spermathecae, tibial comb, male genitalia); Forattini, 1957:503, fig. 130 (wing, palpus, male genitalia).
- DEBILIPALPIS Lutz, 1913:60, plate 7, fig. 8 (wing). Type-locality: Brazil, São Paulo, Serra da Bocaina. Distr. — U.S.A. (Maryland to Florida), Panama to Argentina, Trinidad. Refs. — Macfie, 1937:7 (redescribed; Trinidad); Floch & Abonnenc, 1942a:3, fig. 2 d (wing, palpus); Wirth &

Blanton, 1959:442, fig. 79 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia); Forattini, 1957:383, fig. 81 (wing, thorax, eye separation, antenna, palpus, male genitalia); Wirth & Blanton, 1971:34 (redescribed).

germanus Macfie; Forattini, 1957:381 (Argentina records).

- DENISAE Clastrier, 1971:290, fig. 2 a-e (wing, eye separation, palpus, spermathecae, male genitalia). Type-locality: French Guiana, Forêt du Gallion, reared from moist soil in depression in fallen tree trunk. Distr. — French Guiana.
- DICROURUS Wirth & Blanton, 1955b:123, fig. 2 (wing, palpus, spermathecae, male genitalia). Type-locality: Panama, C.Z., Loma Borracho. Distr. — Panama. Refs. — Forattini, 1957:354, fig. 68 (wing, thorax, eye separation, antenna, palpus, male genitalia); Wirth & Blanton, 1959:386, fig. 54 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- DISCREPANS Ortiz & Mirsa, 1951:595, figs. 5-6, 13, 27 (wing, spermathecae, palpus, antenna). Type-locality: Venezuela, Miranda, Los Chorros. Distr. — Venezuela. Ref. — Forattini, 1957:353, fig. 67 (wing, thorax, palpus, antenna).
- DONAJII Vargas, 1954:28, fig. B, 1-5 (wing, antenna, palpus, male genitalia). Type-locality: Mexico, Oaxaca. Distr. — Mexico. Ref. — Forattini, 1957:375, fig. 77 (wing, thorax, palpus, antenna, male genitalia).
- EADSI Wirth & Blanton, 1971:34, fig. 1 (male, female parts). Type-locality: U.S.A., Texas, Cameron Co., reared from tree hole. Distr. — U.S.A. (Texas), Mexico (Nayarit, Sonora, San Luis Potosí, Yucatan).
- EQUATORIENSIS Barbosa, 1952:13, plates 3-5 (wing, palpus) (*debilipalpis* var.). Type-locality: Ecuador, Santo Domingo, Colorados. Distr. — Ecuador.
- EUBLEPHARUS Macfie, 1948:86. Type-locality: Guyana, New River. Distr. — Venezuela, Guyana. Ref. — Ortiz, 1952d:129, figs. 1-4 (wing, palpus, spermatheca, male genitalia).
- FERNANDEZI Ortiz, 1954:223, figs. 20-23 (wing, antenna, palpus, spermathecae). Type-locality: Venezuela, Miranda, Los Chorros. Distr. — Venezuela. Ref. — Forattini, 1957:351, fig. 66 (wing, palpus, antenna).
- FIELDI Wirth & Blanton, 1956a:50, fig. 3 (wing, palpus, spermatheca, tibial comb, male genitalia). Type-locality: Honduras, Lancetilla. Distr. — Honduras, Panama. Ref. — Wirth & Blanton, 1959:427, fig. 72 (wing, palpus, tibial comb, spermathecae, male genitalia).
- FLOCHABONNENCI Ortiz & Mirsa, 1952a:267, figs. 19, 20, 25 (palpus, wing, spermatheca). Type-locality: Venezuela, Miranda, Los Chorros. Distr. — Venezuela, Ecuador. Ref. — Ortiz & León, 1954:574, figs. 9-12, 14, 29 (wing, antenna, palpus, spermatheca, male genitalia).
- lichyi* Floch & Abonnenc; Ortiz & Mirsa, 1951:601, figs. 14-15 (wing, spermatheca, palpus) (Venezuela).
- FLORENCIAE Messersmith, 1972:167, fig. 1 a-f (antenna, eye separation, palpus, tibial comb, spermathecae, wing). Type-locality: Colombia, Caquetá, Florencia, Rio Hacho. Distr. — Colombia.
- FLORIDENSIS Beck, 1951:135, figs. a-b (male genitalia). Type-locality: U.S.A., Florida, Sarasota Co., Englewood. Distr. — U.S.A. (Florida), West Indies (Bahamas), Bermuda.
- FLUVIALIS Macfie, 1940a:25, fig. 1 (wing). Type-locality: Guyana, New River. Distr. — Honduras, Panama, Venezuela, Guyana. Refs. — Ortiz, 1951c:2,



plate 1 (wing, palpus, spermathecae); Ortiz & Mirsa, 1952a:264, figs. 8, 12-14 (palpus, antenna, wing, male genitalia); Wirth & Blanton, 1959:407, fig. 63 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

FORATTINII Ortiz, 1961:211, figs. 1-4 (antenna, palpus, tibial comb, spermathecae), photos 1-3 (wing, thorax, spermathecae). Type-locality: Venezuela, Guarico, Altigracia de Orituco. Distr. — Venezuela.

FURENS (Poey), 1851:238 (*Oecacta*). Type-locality: Cuba. Distr. — U.S.A. (coastal, Massachusetts to Texas), Mexico and Central America (both coasts), West Indies, south to Ecuador and Brazil (coastal). Refs. — Bequaert, 1924:197 (habits; Honduras); Painter, 1927:256, figs. 2, 5 (pupa) (biology, Honduras); Hoffman, 1925:287, plate 1, fig. 2 (thorax), plate 2, fig. 7 (wing) (distribution, description, synonym: *maculithorax*); Macfie, 1937:10, fig. (male genitalia) (Trinidad); Barretto, 1944:89, fig. 8 a-e, plate 1, fig. 1 (wing, antenna, palpus, male genitalia); Wirth, 1952c:95, figs. 11-18 (immature stages); Woke, 1954:61 (biology, Panama); Blanton, Graham, & Keenan, 1955:13 (biology and control, Panama); Lewis, 1958:724, figs. 1-20, 24 (anatomy of female reproductive tract) (biology; Jamaica); Wirth & Blanton, 1956e:159, fig. 1 (wing, thorax, tibial comb, spermathecae, male genitalia) (redescription); Forattini, 1957:448, figs. 108-109 (wing, thorax, eye separation, antenna, palpus, male genitalia, larva, pupa); Wirth & Blanton, 1959:404, figs. 3, 62 (female, wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

maculithorax Williston, 1896:277, plate 9, fig. 36 (wing) (*Ceratopogon*). Type-locality: St. Vincent.

GABALDONI Ortiz, 1954:221, figs. 16-19 (wing, antenna, palpus, spermathecae). Type-locality: Venezuela, Yaracuy, San Felipe. Distr. — Guatemala to Panama, Venezuela. Ref. — Wirth & Blanton, 1959:431, fig. 74 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

germanus Macfie; Wirth, 1955a:111, fig. 1 (male genitalia) (Guatemala).

GALINDOI Wirth & Blanton, 1953a:73, fig. 4 (wing, thorax, spermathecae, palpus, male genitalia). Type-locality: Panama, C.Z., Mojanga Swamp. Distr. — Panama. Refs. — Forattini, 1957:361, fig. 71 (wing, thorax, eye separation, antenna, palpus, male genitalia); Wirth & Blanton, 1959:349, fig. 38 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

GERMANUS Macfie, 1940a:27. Type-locality: Guyana, New River. Distr. — Guyana. Ref. — Wirth & Blanton, 1956d:188, fig. 2 (wing, spermathecae, palpus, tibial comb) (type redescribed).

GINESI Ortiz, 1951b:586, figs. 26-28 (palpus, antenna, wing, spermathecae). Type-locality: Venezuela, Yaracuy, San Felipe. Distr. — Panama, Venezuela. Refs. — Forattini, 1957:395, fig. 85 (wing, thorax, palpus, antenna, eye separation, male genitalia); Wirth & Blanton, 1959:450, fig. 82 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

GLABELLUS Wirth & Blanton, 1956a:47, fig. 1 (wing, thorax, palpus, spermathecae, tibial comb, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Honduras, Nicaragua, Panama, Brazil, Trinidad. Ref. — Wirth & Blanton, 1959:429, fig. 73 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

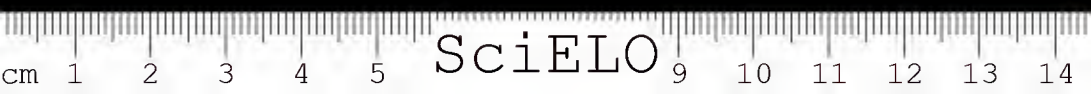
GLABRIOR Macfie, 1940a:27 (*debilipalpis* var.). Type-locality: Guyana, New River. Distr. — Honduras to Colombia and Brazil. Ref. — Wirth & Blanton, 1959:452, fig. 83 (wing, palpus, tibial comb, spermathecae, male genitalia) (synonym: *grahambelli*).

- grahambelli* Forattini, 1956a:35, figs. 1-3 (wing, eyes, palpus). Type-locality: Panama, Cerro Cefa.
- GORGASI Wirth & Blanton, 1953b:232, fig. 4 (wing, thorax, palpus, male genitalia). Type-locality: Panama, Los Santos, Las Tablas. Distr. — Panama. Refs. — Forattini, 1957:370, fig. 75 (wing, thorax, eye separation, antenna, palpus, male genitalia); Wirth & Blanton, 1959:402, fig. 61 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- GUADELOUPENSIS Floch & Abonnenc, 1950b:2, fig. 1 a-g (wing, palpus, eye separation, head, spermatheca, legs, buccal armature). Type-locality: Guadeloupe, St. Claude. Distr. — West Indies (Guadeloupe).
- GUERRAI Wirth & Blanton, 1971:41, fig. 3 (antenna, palpus, eye separation; wing, spermatheca, male genitalia). Type-locality: Trinidad, Tucker Valley. Distr. — Trinidad.
- GUYANENSIS Floch & Abonnenc, 1942a: 5, fig. 3 (wing, antenna, palpus, leg, male genitalia). Type-locality: French Guiana, Cayenne. Distr. — Panama, French Guiana, Brazil, Trinidad. Refs. — Forattini & Rabello, 1956:43, figs. 1, 2 (larva, pupa); Forattini, 1957:466, figs. 114-116 (larva, pupa, wing, thorax, palpus, antenna, eye separation, male genitalia); Wirth & Blanton, 1959:370, fig. 47 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia) (synonyms: *recifensis*, *stubalensis*).
- recifensis* Barbosa, 1943:263, figs. 6, 8 (palpus, wing). Type-locality: Brazil, Recife, Estrada dos Remédios e Boa Viagem.
- stubalensis* Fox, 1946:254, figs. 7-8 (wing, thorax). Type-locality: Trinidad, Stubal's Bay.
- stellifer* (Coquillett); Macfie, 1937:12 (Trinidad record).
- HOFFMANI Fox, 1946:251, figs. 6, 9 (wing, thorax). Type-locality: Trinidad, Camuto Village. Distr. — Panama, West Indies, Jamaica, Puerto Rico, Virgin Islands, Trinidad. Refs. — Fox, 1949:29, fig. 1 (palpus, spermathecae, male genitalia) (Puerto Rico); Wirth & Blanton, 1959:436, fig. 76 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia); Linley & Kettle, 1964:129, figs. (larva, pupa) (Jamaica); Wirth & Blanton, 1971:36 (redescribed).
- HORTICOLA Lutz, 1913:61, plate 7, fig. 9 (wing). Type-locality: Brazil, São Paulo, Tatui, and Formosa, Serra da Bocaina, on horses. Distr. — Venezuela, French Guiana, Brazil. Refs. — Floch & Abonnenc, 1942a:4, fig. 2 e (wing, palpus); Forattini, 1957:318, fig. 54 (wing, thorax, eye separation, antenna, palpus, male genitalia, from types).
- IMITADOR Ortiz, 1953b:807, figs. 1-20 (wing, palpus, eye separation, antenna, spermathecae, male genitalia). Type-locality: Venezuela, Miranda, Ocumare del Tuy. Distr. — Panama, Venezuela. Ref. — Wirth & Blanton, 1959:438, fig. 77 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- INSINUATUS Ortiz & León, 1954:577, figs. 15-19 (wing, antenna, palpus, eye separation, spermathecae). Type-locality: Ecuador, Napo-Pastaza, Nuevo Rocafuerte. Distr. — Ecuador, Brazil. Ref. — Forattini, 1957:373, fig. 76 (wing, thorax, palpus, antenna, eye separation).
- LANEI Ortiz, 1950b:431, fig. (wing, palpus, thorax, male genitalia). Type-locality: Panama, Cerro Zefa. Distr. — Honduras, Panama, Venezuela, Brazil, Trinidad. Refs. — Forattini, 1957:472, fig. 117 (wing, thorax, eye separation, palpus, male genitalia); Wirth & Blanton, 1959:374, fig. 49 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

- LEONI Barbosa, 1952:17, figs. (palpus, wing). Type-locality: Ecuador, Santo Domingo. Distr. — Ecuador. Refs. — Wirth & Blanton, 1956a:46, fig. 2 (wing, palpus, spermathecae, tibial comb, male genitalia); Forattini, 1957:488, fig. 123 (wing, palpus, antenna, eye separation).
- LEOPOLDO Ortiz, 1951b:579, figs. 16-20 (wing, palpus, antenna, thorax). Type-locality: Venezuela, Miranda, Ocumare del Tuy. Distr. — Panama, Venezuela, Brazil. Refs. — Ortiz & Mirsa, 1951:596, figs. 7, 22, 28 (wing, palpus, male genitalia); Forattini, 1957:490, fig. 124 (wing, thorax, antenna, palpus, eye separation, male genitalia); Wirth & Blanton, 1959:418, fig. 68 (wing, thorax, palpus, tibial comb, spermatheca, male genitalia).
- LICHYI Floch & Abonnenc, 1949:1, fig. 1 (wing, palpus). Type-locality: Venezuela, Río Borburata. Distr. — Venezuela. Ref. — Floch & Abonnenc, 1950:69 (again as n. sp.).
- LIMAI Barretto, 1944:99, fig. 14, plate 3, fig. 6 (wing, antenna, palpus, male genitalia). Type-locality: Brazil, São Paulo, Moji das Cruzes. Distr. — Honduras, Panama, Colombia to Ecuador and Brazil, Trinidad. Refs. — Forattini, 1957:335, fig. 61 (wing, thorax, eye separation, antenna, palpus, male genitalia); Wirth & Blanton, 1959:352, fig. 39 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- LIMONENSIS Ortiz & León, 1954:576, figs. 20-23 (wing, antenna, palpus, spermathecae). Type-locality: Ecuador, Esmeraldas, Limones. Distr. — Ecuador, Venezuela, Brazil. Ref. — Forattini, 1957:378, fig. 78 (wing, eye separation, thorax, antenna, palpus).
- LOPESI Barretto, 1944:102, fig. 15, plate 4, fig. 7 (wing, male antenna, palpus, male genitalia). Type-locality: Brazil, São Paulo, Moji das Cruzes. Distr. — Brazil, Argentina. Ref. — Forattini, 1954d:223, figs. 1-2 (wing, eye separation, palpus, thorax, male genitalia); Forattini, 1957:325, fig. 58 (wing, thorax, eye separation, antenna, palpus, male genitalia).
- LUGLANI Jones & Wirth, 1958:89, figs. 1-6 (wing, palpus, thorax, spermathecae, male genitalia). Type-locality: U. S. A., Texas, Kerr County, USDA Exp. Sta. Distr. — U. S. A. (Arizona to Texas), Mexico (Baja California, Sonora, Tamaulipas).
- LYRINOTATUS Wirth & Blanton, 1955b:126, fig. 3 (wing, palpus, spermathecae, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Nicaragua, Panama. Refs. — Forattini, 1957:435, fig. 103 (wing, palpus, male genitalia); Wirth & Blanton, 1959:391, fig. 56 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- MACROSTIGMA Wirth & Blanton, 1953b:230, fig. 2 (wing, palpus, male genitalia). Type-locality: Panama, C. Z., Mojinga Swamp. Distr. — Panama. Refs. — Forattini, 1957:311, fig. 51 (wing, thorax, eye separation, antenna, palpus, male genitalia); Wirth & Blanton, 1959:395, fig. 58 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- MAGNIPALPIS Wirth & Blanton, 1953:76, fig. 6 (wing, palpus, spermathecae, male genitalia). Type-locality: Panama, Cerro Campana. Distr. — Panama. Refs. — Forattini, 1957:366, fig. 72 (wing, palpus, male genitalia); Wirth & Blanton, 1959:360, fig. 43 (wing, palpus, tibial comb, spermathecae, male genitalia).
- MARTINEZI Wirth & Blanton, 1970c:43, fig. 3 (wing, antenna, palpus, eye separation, spermathecae, male genitalia). Type-locality: Trinidad, Macqueripe. Distr. — Trinidad.

- MELLEUS (Coquillett), 1901a:604 (*Ceratopogon*). Type-locality: U. S. A., Florida, Lake Worth. Distr. — U.S.A. (Atlantic and Gulf Coasts; intertidal) West Indies (Bahamas).
- MIRSÆ Ortiz, 1953a:781, figs. 1-2 (wing). Type-locality: Venezuela, Lara, Duaca. Distr. — Panama, Venezuela, Trinidad. Refs. — Forattini, 1957:497, fig. 126 (wing); Wirth & Blanton, 1959:446, fig. 80 (wing, thorax, palpus, tibial comb, spermathecae).
- MOHAVE Wirth, 1952e:187, fig. 19 (wing, palpus, male genitalia). Type-locality: U.S.A., California, San Bernardino Co., Vidal. Distr. — U. S. A. (California, Arizona), Mexico.
- MOJINGAENSIS Wirth & Blanton, 1953b:232, fig. 5 (wing, scutum, palpus, male genitalia). Type-locality: Panama, C. Z., Mojinga Swamp. Distr. — Panama. Ref. — Wirth & Blanton, 1959:379, fig. 51 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- MONTICOLA Wirth & Lee, 1967:15, figs. 5 a-d, plate 1, fig. 6 (wing, antenna, eye separation, spermathecae, palpus). Type-locality: Colombia, Cauca, El Tambo, Finca Carpenteria. Distr. — Colombia.
- NEGHEMI Vargas, 1955:673, fig. (wing, palpus, male genitalia). Type-locality: Mexico, Puebla, Atlixco. Distr. — Mexico.
- OENOXIUS Fox, 1952:365, fig. 2 (wing eye separation, antenna, tibial comb.) Type-locality: Venezuela, Mount Marahuaca. Distr. — Venezuela. Ref. — Forattini, 1957:303, fig. k (wing, antenna, palpus, eye separation).
- PACHYMERUS Lutz, 1914:83, plate 8, fig. 8 plate 9, fig. 1 (wing, leg.). Type-locality: Brazil, Rio Negro, Manaus. Distr. — Guatemala, Panama, Brazil. Ref. — Wirth & Blanton, 1959:459, fig. 86 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- PAMPOIKILUS Macfie, 1948:79, fig. 4 (wing). Type-locality: Mexico, Chiapas, El Vergel. Distr. — Mexico, Panama, Venezuela. Refs. — Forattini, 1957:398, fig. 86 (wing, palpus, antenna, male genitalia) (synonym: *dominicii*); Wirth & Blanton, 1959:324, fig. 27 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- dominicii* Ortiz, 1951c:7, plate 1 (wing, palpus, male genitalia). Type-locality: Venezuela, Miranda, Ocumare del Tuy.
- PARAENSIS (Goeldi), 1905:137 (*Haematomyidium*). Type-locality: Brazil, Pará, Belém. Distr. — U. S. A. (Pennsylvania to Mississippi and Florida), Central and South America to Argentina, West Indies. Refs. — Barretto, 1944:92, fig. 10, plate 2, fig. 3 (wing, male genitalia); Romaña & Wygodzinsky, 1950:29 (transmission of *Mansonella ozzardi* filariasis in Argentina); Forattini, 1957:426, fig. 100 (wing, thorax, antenna, palpus, eye separation, male genitalia); Wirth & Blanton, 1959:440, fig. 78 (wing, thorax, tibial comb, palpus, spermathecae, male genitalia).
- lahillei* Iches, 1906:264, figs. 1-3 (antenna, palpus, abdomen) (*Ceratopogon*). Type-locality: Argentina, Chaco Austral.
- undecimpunctatus* Kieffer, 1917:307. Type-locality: Argentina, San Pablo.
- PATULIPALPIS Wirth & Blanton, 1959:421, fig. 69 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia). Type-locality: Panama, Cerro Campana. Distr. — Panama.
- PAUCIENFUSCATUS Barbosa, 1947:23, plate 1, fig. 3, plate 9, fig. 6 (palpus, thorax). Type-locality: Brazil, Amazonas, Manaus. Distr. — Panama; Colombia, Brazil, Trinidad. Refs. — Forattini, 1957:345, fig. 64 (wing,

- thorax, eye separation, antenna, palpus, male genitalia); Wirth & Blanton, 1959:381, fig. 52 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- PHAEONOTUS** Wirth & Blanton, 1959:326, fig. 28 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama.
- PIFANOI** Ortiz, 1951b:588, figs. 43-47 (wing, palpus, thorax, spermathecae). Type-locality: Venezuela, Maracay, San Felipe. Distr. — Honduras to Panama, Venezuela, Trinidad. Refs. — Forattini, 1957:342, fig. 63 (wing, palpus, male genitalia); Wirth & Blanton, 1959:384, fig. 53 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia) (synonym: *tricoloratus*).
- tricoloratus* Wirth & Blanton, 1953b:233, fig. 6 (wing, thorax, palpus, male genitalia). Type-locality: Panama, Panama Prov., Pacora.
- PROPINQUUS** Macfie, 1948:81, fig. 6 (wing, male genitalia). Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico. Ref. — Forattini, 1957:410, fig. 92 (wing, male genitalia).
- PROPRIIPENNIS** Mcfie, 1948:84, fig. 9 (wing). Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico to Panama, Venezuela. Refs. — Forattini, 1957:442, fig. 106 (wing, thorax, eye separation, palpus, male genitalia); Wirth & Blanton, 1959:412, fig. 65 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- PULCHRIPENNIS** Macfie, 1939a:200, fig. 19 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Ref. — Forattini, 1957:496.
- QUASIPARAENSIS** Clastrier, 1971:286, fig. 1 a-f (wing, eye separation, antenna, palpus, spermathecae, male genitalia). Type-locality: French Guiana, Cayenne, Cabassou Forest, reared from palm stipe. Distr. — French Guiana.
- RANGELI** Ortiz & Mirsa, 1952:126, plate 1, figs. 1-4, plate 2, fig. 11 (palpus, antenna, wing, eye separation, spermathecae). Type-locality: Venezuela, Los Chorros. Distr. — Panama, Ecuador, Venezuela. Refs. — Forattini, 1957:502, fig. 128 (wing, antenna, palpus); Wirth & Blanton, 1959:423, fig. 70 (wing, palpus, tibial comb, spermathecae).
- RETICULATUS** Lutz, 1913:49, plate 7, fig. 2, plate 8, figs. 15, 17, 20 (wing, palpus, male, larva). Type-locality: Brazil, São Paulo: Santos, Rio de Janeiro and Bahia, larvae in crab holes. Distr. — Panama, Brazil. Refs. — Forattini, 1957:432, fig. 102 (wing, thorax, eye separation, palpus, antenna, male genitalia); Wirth & Blanton, 1959:393, fig. 57 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia); Forattini, Rabbello & Pattoli, 1960:1, figs. 1, 2 (larva, pupa) (biology, from crab holes).
- RODRIGUEZI** Ortiz, 1968:67, figs. 1, 2 (wing, eye separation). Type-locality: Venezuela, Yaracuy, Yumare. Distr. — Venezuela.
- SPURIUS** Wirth & Blanton, 1959:433, fig. 75 (wing, palpus, tibial comb, spermathecae, male genitalia). Type-locality: Panama, C. Z., Fort Davis. Distr. — Guatemala, Honduras, Panama.
- TAMBOENSIS** Wirth & Lee, 1967:20, fig. 6 e-j, plate 1, figs. 9-10 (wing, antenna, eye separation, palpus, spermathecae, male genitalia). Type-locality: Colombia, Cauca, El Tambo, Finca Carpenteria. Distr. — Colombia.
- TENUIOBUS** Wirth & Blanton, 1959:342, fig. 40 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama.



- TETRATHYRIS** Wirth & Blanton, 1959:409, fig. 64 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama, Brazil.
- TRANSFERRANS** Ortiz, 1953a:801, figs. 3-7 (wing, antenna, palpus, spermatheca). Type-locality: Venezuela, Amazonas Terr., head of Rio Orinoco. Distr. — Panama, Ecuador, Venezuela. Ref. — Wirth & Blanton, 1959:424, fig. 71 (wing, thorax, palpus, tibial comb, spermatheca, male genitalia).
- eublepharus* Macfie; Ortiz, 1952d:129, figs. 1-4 (wing, palpus, spermatheca, male genitalia) (Venezuela); Forattini, 1957:493, fig. 125 (wing, thorax, antenna, palpus, eye separation, male genitalia).
- TRILINEATUS** Fox, 1946:250, figs. 5, 11 (wing, thorax). Type-locality: Virgin Islands, St. Thomas, Red Hook. Distr. — West Indies (Puerto Rico, Virgin Islands, Dominica, Barbados). Refs. — Wirth & Blanton, 1956d:189, fig. 3 (wing, thorax, spermathecae, tibial comb, palpus); Forattini, 1957:389, fig. 83 (wing, thorax, eye separation, antenna, palpus, male genitalia).
- UNIRADIALIS** Wirth & Blanton, 1953a:70, fig. 1 (wing, palpus, male genitalia). Type-locality: Panama, C. Z., Mojinga Swamp. Distr. — Panama. Refs. — Forattini, 1957:302, fig. 48 (wing, palpus, male genitalia); Wirth & Blanton, 1959:462, fig. 87 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- VENEZUELENSIS** Ortiz & Mirsa, 1950:137, figs. 1-8, 4 plates (wing, antenna, palpus, spermathecae, head, male genitalia). Type-locality: Venezuela, Caracas, Los Chorrros. Distr. — Panama, Venezuela, Brazil, Chile, Argentina. Refs. — Wirth, 1955c:234 (synonym: *pictipennis*, *ortizi*); Forattini, 1957:463, fig. 113 (wing, thorax, antenna, palpus, eye separation, male genitalia); Wirth & Blanton, 1959:372, fig. 48 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- pictipennis* Philippi, 1865:628 (*Psychophaena*). Type-locality: Chile, Santiago, San Cristóbal. Preoccupied in *Culicoides* by *pictipennis* (Staecker 1839).
- ortizi* Fox, 1952:366, fig. 5 (wing, palpus, antenna, tibial comb, spermathecae). Type-locality: Venezuela, Zulía, La Salina.
- WOKEI** Fox, 1947(April):90, figs. 1-2 (wing, palpus). Type-locality: Panama, C. Z., Balboa, West Bank. Distr. — Panama. Refs. — Forattini, 1957:357, fig. 70 (wing, thorax, eye separation, antenna, palpus, male genitalia); Wirth & Blanton, 1959:363, fig. 44 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia) (synonym: *aethionotus*).
- aethionotus* Wirth & Blanton, 1955b:121, fig. 1 (wing, palpus, male genitalia; spermathecae). Type-locality: Panama, Darien, Patino Point.

Subgenus SELFIA Khalaf

- Culicoidis*, subg. **SELFIA** Khalaf, 1954:38. Type-species, *Culicoides hieroglyphicus* Malloch (orig. des.).
- HIEROGLYPHICUS** Malloch, 1915a:297. Type-locality: U. S. A., Arizona, Graham Mountains, Ash Creek. Distr. — U.S.A. (California, to South Dakota and Texas), Mexico (Sonora). Ref. — Atchley, 1970:242, figs. 4-7, 9, 116-148 (male, female, pupa, many parts) (biosystematics).



Unplaced species of *Culicoides*

- ALBOMACULA Root & Hoffman, 1937:164, figs. 17, 29 (wing, male genitalia). Type-locality: Mexico, D.F., San Jacinto. Distr. — Mexico.
- ALVAREZI Ortiz, 1957:161, figs. 1-4 (wing, antenna, palpus, spermathecae). Type-locality: Venezuela, Miranda, Los Teques, Parque El Encantado. Distr. — Venezuela.
- ANTEFURCATUS Wirth & Blanton, 1959:315, fig. 23 (wing, thorax, tibial comb, palpus, spermathecae, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama.
- ANTUNESI Forattini, 1954c:315, figs. 1-2 (wing, thorax, palpus, male genitalia). Type-locality: Brazil, Goiás, Aruanã. Distr. — Brazil (Goiás, Mato Grosso, São Paulo). — Ref. — Forattini, 1957:485, fig. 122 (thorax, wing, eye separation, palpus, antenna, male genitalia).
- ARUBAE Fox & Hoffman, 1944:109, fig. 3 (wing). Type-locality: Aruba Island, West Indies, reared from crab holes. Distr. — U. S. A. (Texas), Mexico (Tamaulipas), Panama, Venezuela, Aruba Island; in crab holes. Refs. — Forattini, 1957:438, fig. 104 (wing, thorax, eye separation, antenna, palpus, male genitalia), 105 (pupa); Wirth & Blanton, 1959:464, fig. 88 (wing, spermathecae, thorax, palpus, tibial comb, male genitalia). sp. 1, Fox, 1942:420, figs. 2, 5 (pupa).
- variipennis* (Coquillett), of authors (Venezuela records).
- BENARROCHI Ortiz & Mirsa, 1952:126 (as *benarrochei*). Type-locality: Venezuela, Caraballeda, Dept. Vargas, D. F. Distr. — Venezuela, Brazil. Ref. — Forattini, 1957:506, fig. 131 (wing, eye separation, antenna, palpus).
- BREDINI Wirth & Blanton, 1970c:41, fig. 2 (wing, antenna, palpus, eye separation, leg, spermathecae, male genitalia). Type-locality: Dominica, Clarke Hall. Distr. — West Indies (Dominica).
- BRICENOI Ortiz, 1951a:445, figs. 1-5 (wing, palpus, male genitalia). Type-locality: Venezuela, Miranda, Ocumare del Tuy. Distr. — Venezuela, Ecuador. Ref. — Forattini, 1957:348, fig. 65 (wing, male genitalia).
- COCHISENSIS Wirth & Blanton, 1967:216, figs. 26-33 (wing, leg, palpus, eye separation, spermathecae, male genitalia). Type-locality: U.S.A., Arizona, Santa Cruz, Sycamore Canyon. Distr. — U.S.A. (Arizona, Utah), Mexico (Baja California).
- COMMATIS Wirth & Blanton, 1959:321, fig. 26 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama.
- CRESCENTIS Wirth & Blanton, 1959:317, fig. 24 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia). Type-locality: Panama, C.Z., Mojinga Swamp. Distr. — Mexico (Chiapas), Nicaragua, Panama.
- DAEDALOIDES Wirth & Blanton, 1959:330, fig. 30 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama.
- DAEDALUS Macfie, 1948:83, fig. 8 (wing, male genitalia). Type-locality: Mexico, Chiapas, El Vergel. Distr. — U.S.A. (Arizona), Mexico, Honduras, Panama, Venezuela. Refs. — Forattini, 1957:401, fig. 88 (wing, palpus, antenna, male genitalia); Wirth & Blanton, 1959:319, fig. 25 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).
- DAMPFI Root & Hoffman, 1937:169, figs. 23, 35 (wing, male genitalia). Type-locality: Mexico, D.F., San Jacinto. Distr. — Mexico.
- DAVIESI Wirth & Blanton, 1968b:251, figs. 1-7 (antenna, palpus, wing, leg, spermathecae, eye separation, thorax). Type-locality: Guyana, Rupununi Savannah, Ike Swamp. Distr. — Guyana.

- DUNNI Wirth & Blanton, 1959:328, fig. 29 (wing, thorax, palpus, tibial comb, spermathecae). Type-locality: Panama, Chiriquí, El Volcán. Distr. — Panama.
- FLUVIATILIS (Lutz), 1914:4, plate 8, fig. 7 (wing) (*Johannseniella*). Type-locality: Brazil, Rio Negro, S. Gabriel. Distr. — Brazil, Trinidad. Ref. — Lane, 1945:363, fig. 16 (antenna) (types redescribed; in *Lasiohelea*). *scorzai* Ortiz, 1956:93, figs. 1-4 (wing, palpus, spermathecae). Type-locality: Venezuela, Bolivar, Rio Guayacara.
- pachymerus* Lutz; Forattini, 1957:305, fig. 49 (wing, eye separation, antenna, palpus, thorax) (Brazil records).
- OKLAHOMENSIS Khalaf, 1952:355, (*villosipennis* ssp.). Type-locality: U.S.A., Oklahoma, Wichita Refuge. Distr. — U.S.A. (Arizona to Texas), Mexico (Baja California, Sonora). Ref. — Wirth & Blanton, 1967:223, figs. 52-59 (wing, antenna, palpus, eye separation, leg, spermathecae, male genitalia).
- OUSAIRANI Khalaf, 1952:354, fig. 5 (antenna, palpus, male genitalia). Type-locality: U.S.A., Oklahoma, Wichita Refuge. Distr. — U.S.A. (Pennsylvania to Florida, Oklahoma and Texas), Mexico (Nuevo León). Ref. — Wirth & Blanton, 1967:225, figs. 60-67 (wing, antenna, palpus, eye separation, spermathecae, leg, male genitalia).
- POLYSTICTUS Kieffer, 1921c:181. Type-locality: Paraguay. Distr. — Paraguay.
- STIGMALIS Wirth, 1952d:245, fig. 1 a-c (wing, palpus, spermathecae). Type-locality: Guatemala, Chimaltenango, San Pedro Yepocapa. Distr. — Mexico, Guatemala, Panama. Refs. — Forattini, 1957:308, fig. 50 (wing, male genitalia); Wirth & Blanton, 1959:467, fig. 89 (wing, thorax, palpus, tibial comb, spermathecae, male genitalia).

Tribe CERATOPOGONINI

Genus ALLUAUDOMYIA Kieffer

- ALLUAUDOMYIA Kieffer, 1913:12. Type-species, *imparunguis* Kieffer (mon.). Six un-named new Neotropical species in the collection of the U. S. National Museum in Washington, D. C.

Genus BAEOHELEA Wirth & Blanton

- BAEOHELEA Wirth & Blanton, 1970b:95. Type-species, *nana* Wirth & Blanton (orig. des.).
- NANA Wirth & Blanton, 1970b:95, fig. 1 (antenna, head, palpus, wing, legs, tarsi, claws, spermatheca, male genitalia). Type-locality: Dominica, Pont Cassé. Distr. — Colombia, Ecuador, West Indies (Dominica).

Genus BRACHYPOGON Kieffer

- BRACHYPOGON Kieffer, 1899:69. Type-species, *Ceratopogon vitiosus* Winnertz (orig. des.). Ref. — Wirth & Blanton, 1970b:93 (revision).
- FUSCIVENOSUS (Lutz), 1914:94, plate 8, fig. 3 (wing) (*Palpomyia*). Type-locality: Brazil, Rio de Janeiro, Manguinhos. Distr. — U.S.A. (Florida), Mexico, Panama, French Guiana, Brazil, West Indies (Jamaica, Virgin Islands). Refs. — Floch & Abonnenc, 1942c:4, fig. 1h, 2h (wing, palpus, male



- genitalia) (French Guiana); Lane, 1945:370, fig. 17 (male genitalia) (redescribed from types; in *Parabrezza*); Wirth & Blanton, 1970b:101, fig. 4 (antenna, palpus, wing, spermatheca, male genitalia).
- IMPAR (Johansen), 1938:223 (*Ceratopogon*). Type-locality: Puerto Rico, El Yunque trail. Distr. — West Indies (Puerto Rico). Ref. — Johannsen, 1943a:780, fig. 9 (wing).
- PARAENSIS Wirth & Blanton, 1970b:99, fig. 3 (male, female head, antenna, palpus, legs, wing, tarsi, claws, spermatheca, male genitalia). Type-locality: Brazil, Pará, Rio Paru, Missão Tiriós. Distr. — Brazil.

Genus LEPTOHELEA Wirth & Blanton

- LEPTOHELEA Wirth & Blanton, 1970a:12. Type-species, *micronyx* Wirth & Blanton (orig. des.).
- MICRONYX Wirth & Blanton, 1970a:12, fig. 3 (antenna, palpus, wing, legs, tarsi, claws, spermatheca, tibial comb). Type-locality: Colombia, Valle, Rio Raposo. Distr. — Colombia.

Tribe STILOBEZZIINI

Genus ECHINOHELEA Macfie

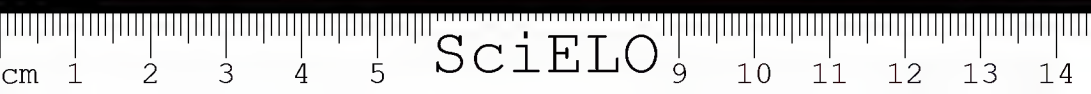
- ECHINOHELEA Macfie, 1940c:187. Type-species, *ornatipennis* Macfie (orig. des.).
- MACFIEI Lane, 1948:228. Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- ORNATIPENNIS Macfie, 1940c:188, fig. 4 (male genitalia). Type-locality: Guyana, Mazaruni. Distr. — Mexico, Guyana. Ref. — Wirth, 1965a:249 (Mexico, pollinating *Hevea*).
- RICHARDSI Macfie, 1940c:189. Type-locality Guyana, Mazaruni. Distr. — Guyana, Brazil. Ref. — Lane, 1948:228 (Brazil).
- SMARTI Macfie, 1940c:190. Type-locality: Guyana, Mazaruni. Distr. — Guyana, Brazil. Ref. — Lane, 1948:227, fig. 4 (male genitalia) (Brazil).

Genus FITTKAUHELEA Wirth & Blanton

- FITTKAUHELEA Wirth & Blanton, 1970a:7. Type-species, *amazonica* Wirth & Blanton (orig. des.).
- AMAZONICA Wirth & Blanton, 1970a:9, fig. 1 (male, female antennae, palpus, female head, wing, legs, tarsi, claws, mandible, tibial comb, spermathecae, male genitalia). Type-locality: Brazil, Amazonas, Rio Maruiá. Distr. — Brazil.

Genus MACRUROHELEA Ingram & Macfie

- MACRUROHELEA Ingram & Macfie, 1931:203. Type-species, *caudata* Ingram & Macfie (orig. des.). Ref. — Wirth, 1965a:46 (revision, key).
- CAUDATA Ingram & Macfie, 1931:205, figs. 27, 28a (abdomen, male genitalia). Type-locality: Chile, Casa Pangue. Distr. — Chile.
- KUSCHELI Wirth, 1965a:49, figs. 1-2 (wing, antenna). Type-locality: Chile, Valparaíso, Algarrobo. Distr. — Chile.



SETOSA Wirth, 1965a:49, fig. 3 (male genitalia). Type-locality: Chile, Atacama, Vegas de San Andrés. Distr. — Chile.

THORACICA Ingram & Macfie, 1931:206, figs. 28b, 29 (wing, male genitalia). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina.

Genus MONOHELEA Kieffer

MONOHELEA Kieffer, 1917:294. Type-species, *hieroglyphica* Kieffer (orig. des.). Refs. — Lane, 1948:224 (key); Lane & Wirth, 1964:209 (revision, key; Netotropical species); Wirth & Williams, 1964:302 (key, wing photos, figures North American species, including some Neotropical species).

Subgenus ISTHMOHELEA Ingram & Macfie

ISTHMOHELEA Ingram & Macfie, 1931:208 (as genus). Type-species, *disjuncta* Ingram & Macfie (orig. des.).

Ref. — Wirth & Blanton, 1972a:173 (diagnosis, subgeneric status).

DISJUNCTA (Ingram & Macfie), 1931:209, figs. 30-31 (wing, male genitalia) (*Isthmohelea*). Type-locality: Chile, Casa Pangue. Distr. — Chile.

SHANNONI Wirth & Blanton, 1972a:175, fig. 1 a-k (many parts, female). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina.

Subgenus MONOHELEA Kieffer

BALBOA Lane & Wirth, 1964:225, figs. 20, 29 (male genitalia). Type-locality: Panama, C. Z., Mojinga Swamp. Distr. — Panama.

BLANTONI Lane & Wirth, 1964:217, figs. 10, 22 (male genitalia). Type-locality: Panama, C.Z., Mojinga Swamp. Distr. — Panama.

BRASILIENSIS Lane, 1948:226, fig. 3 (wing). Type-locality: Brazil, Rio de Janeiro, Estrada Rio-São Paulo, km 47. Distr. — Brazil. Ref. — Lane & Wirth, 1964:229, fig. 37 (male genitalia).

CEBACOI Lane & Wirth, 1964:218, figs. 15, 24 (male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama, Brazil.

CHIAPASI Lane & Wirth, 1964:219, figs. 9, 23 (male genitalia). Type-locality: Nicaragua, Villa Somoza. Distr. — Nicaragua, Panama, Colombia.

CHIRUSI Lane & Wirth, 1964:218, figs. 8, 21 (male genitalia). Type-locality: Panama, Coclé, Puerto Obaldia. Distr. — Nicaragua, Panama.

COLOMBIAE Lane & Wirth, 1964:220, figs. 11, 25 (male genitalia). Type-locality: Colombia, Valle, Rio Raposo. Distr. — Colombia.

CUNASI Lane & Wirth, 1964:232, fig. 38 (male genitalia). Type-locality: Panama, C.Z., Mojinga Swamp. Distr. — Panama.

FAIRCHILDII Lane & Wirth, 1964:214, figs. 5, 6 (male genitalia). Type-locality: Panama, Bocas del Toro, Rio Changuena. Distr. — Panama.

FUSCIPENNIS Lane & Wirth, 1964:221. Type-locality: Colombia, Rio Raposo. Distr. — Colombia.

GUAIMIESI Lane & Wirth, 1964:227, fig. 27 (male genitalia). Type-locality: Panama, Coclé, Anton. Distr. — Panama.

- GUIANAE Wirth, 1953b:150, fig. 19 k (male genitalia). Type-locality: Guyana, Mazaruni. Distr. — Trinidad, Guyana. Ref. — Lane & Wirth, 1964:224, fig. 16 (male genitalia).
- HIEROGLYPHICA Kieffer, 1917:312, fig. 13 (antenna, tarsi). Type-locality: Paraguay. Distr. — Guyana, Brazil, West Indies (Dominica, Trinidad). Refs. — Macfie, 1937:17, fig. 6 (wing, legs, claws) (Trinidad); Macfie, 1940a:30, fig. 4 (male genitalia) (Guyana); Lane & Wirth, 1964:231, fig. 36 (male genitalia).
- hyeroglyphica* (error), Lane, 1948:226, fig. 2 (male genitalia).
- JOHANNSENI Wirth, 1953b:153, figs. 18g, k, l, 19a (wing, leg, spermathecae, male genitalia). Type-locality: U.S.A., Virginia, Falls Church. Distr. — U.S.A. (Michigan and Iowa to Maryland and Florida), Panama. Ref. — Lane & Wirth, 1964:214, figs. 1-4, 14 (wing, spermathecae, leg, male genitalia).
- LANEI Wirth, 1953b:142, figs. 18b, j, 19e (wing, leg, male genitalia). Type-locality: U.S.A., Florida, Miami. Distr. — U.S.A. (Florida), Costa Rica, West Indies (Bahamas). Ref. — Lane & Wirth, 1964:230, figs. 12, 33 (male genitalia).
- MACULIPENNIS (Coquillett), 1905:64 (*Ceratopogon*). Type-locality: U.S.A., Florida, Jacksonville. Distr. — U.S.A. (Texas to Georgia and Florida), Mexico, Guatemala, Panama. Ref. — Lane & Wirth, 1964:227, figs. 13, 30 (male genitalia).
- MAYERI Ortiz, 1950:202, plate 2 (wing, antenna, leg, tarsus, palpus, claws). Type-locality: Venezuela, Miranda, Ocumare del Tuy. Distr. — Costa Rica, Panama, Colombia, Venezuela, Trinidad. Ref. — Lane & Wirth, 1964:230, fig. 34 (male genitalia).
- MULTILINEATA (Lutz), 1914:93, plate 8, fig. 2, plate 9, figs. 6, 6a (wing, abdomen) (*Palpomyia*). Type-locality: Brazil, Rio de Janeiro, Manguinhos. Distr. — Panama, Guyana, Brazil, West Indies (Puerto Rico). Ref. — Lane, 1945:368, figs. 18-19 (male genitalia) (type lost, neotype selected from Brazil, Rio de Janeiro, Estrada Rio-São Paulo, km 42; redescribed); Lane & Wirth, 1964:224, figs. 19, 26 (male genitalia).
- OCUMARE Ortiz, 1952c:254, figs. 1-3 (wing, palpus, antenna). Type-locality: Venezuela, Miranda, Ocumare del Tuy. Distr. — Venezuela.
- ORNATA Wirth, 1953b:144, fig. 18d (male genitalia). Type-locality: U.S.A., Florida, Escambia Co., Santa Rosa Island. Distr. — U.S.A. (Florida), Panama. Ref. — Lane & Wirth, 1964:226, fig. 31 (male genitalia).
- PANAMENSIS Lane & Wirth, 1964:221, figs. 7, 17 (male genitalia). Type-locality: Panama, Darien, Patino Point. Distr. — Mexico (Guerrero), Panama, West Indies (St. John).
- PONCAI Lane & Wirth, 1964:228, fig. 35 (male genitalia). Type-locality: Panama, Panama Prov., Tocumén. Distr. — Costa Rica, Panama.
- STONEI Wirth, 1953b:148, figs. 18e, 19i (wing, male genitalia). Type-locality: U.S.A., Louisiana, Baton Rouge. Distr. — U.S.A. (Connecticut and Tennessee to Louisiana and Florida), Costa Rica, Panama, Colombia, Trinidad, West Indies (Cuba). Ref. — Lane & Wirth, 1964:222, figs. 18, 28 (male genitalia).
- URRAGAISI Lane & Wirth, 1964:231, fig. 32 (male genitalia). Type-locality: Panama, C. Z., Fort Kobbe, Camaron. Distr. — Panama, Guyana, Trinidad.
- hieroglyphica* Kieffer; Macfie, 1937:18 (Trinidad); Macfie, 1940:30 (Guyana).
- macfie* Wirth (in part); Wirth, 1953b:143 (Trinidad and Guyana records).

Genus PARABEZZIA Malloch

- PARABEZZIA Malloch, 1915a:358. Type-species, *petiolata* Malloch (orig. des.)
Diaphanobezzia Ingram & Macfie, 1931:223. Type-species; *pellucida* Ingram & Macfie (orig. des.).
Refs. — Wirth, 1952b:22 (revision; synonym: *Diaphanobezzia*); Wirth, 1965b:215 (revision, key).
- BLANTONI Wirth, 1965b:220, fig. 21 (wing). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama.
- BRUNNEA Wirth, 1965b:220, figs. 1, 22 (wing, tarsus). Type-locality: Panama, Panama Prov., Tocumén. Distr. — Panama.
- COSTALIS Wirth, 1965b:221, figs. 2, 3, 23 (wing, male genitalia). Type-locality: Panama, C.Z., Mojinga Swamp. Distr. — Panama.
- FUSCIPENNIS Wirth, 1965b:223. Type-locality: Panama, C.Z., Mojinga Swamp. Distr. — Panama.
- JAMAICENSIS Wirth, 1965b:224, figs. 10, 26 (wing, tarsus). Type-locality: Jamaica, St. Thomas, Bath. Distr. — West Indies (Jamaica).
petiolata Malloch; Wirth, 1952b:23 (Jamaica records).
- PANAMENSIS Wirth, 1965b:225, figs. 11-12 (male genitalia). Type-locality: Panama, C.Z., Fort Kobbe, Camaron. Distr. — Panama.
- PELLUCIDA (Ingram & Macfie), 1931:223, figs. 33, 34b-g (wing, antenna, halter, male genitalia) (*Diaphanobezzia*). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina. Ref. — Wirth, 1952b:26 (combination).
- SPANGLERI Wirth, 1965b:227, fig. 28 (wing). Type-locality: Puerto Rico, Maricao Fish Hatchery. Distr. — West Indies (Puerto Rico).
- UNGUIS Wirth, 1965b:228. Type-locality: U.S.A., Arizona, Pima Co., Sabino Canyon. Distr. — U.S.A. (Arizona, Texas), Mexico (Sonora), Panama.

Genus PARASTILOBEZZIA Wirth & Blanton

- PARASTILOBEZZIA Wirth & Blanton, 1970a:10. Type-species, *leei* Wirth & Blanton (orig. des.).
- LEEI Wirth & Blanton, 1970a:10, fig. 2 (antenna, palpus, wing, legs, tarsi, claws, mandible, spermathecae, tibial comb). Type-locality: Colombia, Valle, Rio Raposo. Distr. — Colombia.

Genus STILOBEZZIA Kieffer

- STILOBEZZIA Kieffer, 1911:118. Type-species, *festiva* Kieffer (orig. des.). Refs. — Wirth, 1953a:57 (revision); Ingram & Macfie, 1931:191 (key to Chilean species); Lane & Forattini, 1961:83 (key to Neotropical species).

Subgenus ACANTHOHELEA Kieffer

- ACANTHOHELEA Kieffer, 1917:198 (as genus). Type-species. *pruinosa* Kieffer (mon.).
- GUIANAE (Macfie), 1940:28 (*Acanthohelea*). Type-locality: Guyana, New River. Distr. — Guyana.

Subgenus EUKRAIOHELEA Ingram & Macfie

- EUKRAIOHELEA Ingram & Macfie, 1921:347 (as genus). Type-species, *africana* Ingram & Macfie (des. Macfie, 1940d: 22).
- AMNIGENA (Macfie), 1935:56 (*Eukraiohelea*). Type-locality: Brazil, Piauí, Tutóia. Distr. — Panama, Brazil, West Indies (Jamaica).
- DORSOFASCIATA (Lutz), 1914:96, plate 8, fig. 9, plate 9, fig. 7 (wing, abdomen) (*Palpomyia*). Type-locality: Brazil, Rio de Janeiro, Manguinhos. Distr. — Brazil.
- ELEGANTULA (Johannsen), 1907:109 (*Bezzia*). Type-locality: U.S.A., Kansas, Douglas Co., Kansas River. Distr. — U.S.A. (Kansas, Louisiana, Florida), West Indies (Jamaica, Puerto Rico).
- MACULITIBIA Lane & Forattini, 1956:207, figs. 1-2 (wing, male genitalia). Type-locality: Panama, Mandinga. Distr. — Panama.
- SUBSESSILIS Kieffer, 1917:311. Type-locality: Paraguay. Distr. — Paraguay.

Subgenus NEOSTILOBEZZIA Goetghebuer

- Stilobezzia*, subg. NEOSTILOBEZZIA Goetghebuer, 1934:53. Type-species. *Ceratopogon ochraceus* Winnertz (des. Wirth, 1953:63).
- ATRICHOPOGON Lane & Forattini, 1956:208, figs. 3-4 (wing, male genitalia). Type-locality: Panama, C. Z., Mojinga Swamp. Distr. — Panama.
- BICINCTIPES Ingram & Macfie, 1931:195. Type-locality: Chile, Casa Pangue. Distr. — Chile.
- EDWARDSI Ingram & Macfie, 1931:198, fig. 26 e, f (male genitalia). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina.
- FURVA Ingram & Macfie, 1931:200. Type-locality: Argentina, Rio Negro, Lake Correntoso. Distr. — Argentina, Chile.
- HIRSUTA Ingram & Macfie, 1931:201, fig. 26 c (male genitalia). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina.
- MAIA Lane & Forattini, 1958:204, figs. 2-3 (wing, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama.
- MANAOSENSIS Lane & Forattini, 1958:205, figs. 4-5 (wing, male genitalia). Type-locality: Brazil, Amazonas, Manaus. Distr. — Brazil.
- NIGERRIMA Ingram & Macfie, 1931:196. Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina.
- ORNATA Lane & Forattini 1958:206, fig. 1 (wing). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama.
- ORNATICRUS Ingram & Macfie, 1931:194. Type-locality: Chile, Ensenada. Distr. — Chile.
- PATAGONICA Ingram & Macfie, 1931:196, fig. 26a (male genitalia). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina.
- RAVA Ingram & Macfie, 1931:203, fig. 26d (male genitalia). Type-locality: Chile, Casa Pangue. Distr. — Chile.
- SANCTIBERNARDINI Kieffer, 1917:308. Type-locality: Paraguay, San Bernardino. Distr. — Paraguay.
- SUCCINEA Ingram & Macfie, 1931:200, figs. 25c (male genitalia). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina.

- TIBIALIS Lane & Forattini, 1956:209, figs. 5-6 (wing, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama.
- VARIA Ingram & Macfie, 1931:191, fig. 25 (male genitalia). Type-locality: Chile, Ancud. Distr. — Argentina, Chile.

Subgenus STILOBEZZIA Kieffer

- ALBICOXA Lane & Forattini, 1956:210, figs. 7-8 (wing, male genitalia). Type-locality: Panama, Panama Prov., Puerto Farallón. Distr. — Panama.
- ALBOCINCTA Kieffer, 1917:309. Type-locality: Paraguay. Distr. — Paraguay.
- AMERICANA Kieffer, 1917:310. Type-locality: Paraguay, Asunción. Distr. — Paraguay.
- ANTENNALIS (Coquillett), 1901a:606 (*Ceratopogon*). Type-locality: U.S.A., District of Columbia. Distr. — U.S.A. (west to Wisconsin and Texas), Panama. Ref. — Wirth, 1953a:68, fig. 12 c (male genitalia).
- BECKAE Wirth, 1953a:69, fig. 11 f (male genitalia). Type-locality: U.S.A., Florida, Citrus Co., Crystal River. — Distr. — U.S.A. (Florida, Mississippi), Panama, Peru.
- BICOLOR Lane, 1947a:208, fig. 5 (male genitalia). Type-locality: Brazil, São Paulo, Osasco. Distr. — Panama, Brazil. Refs. — Forattini & Rabello, 1956:49, fig. 5 (pupa); Lane & Forattini, 1958:208 (Panama).
- BIMACULATA Lane & Forattini, 1956:211, figs. 9, 10 (wing, male genitalia). Type-locality: Panama, Coclé, Aguadulce. Distr. — Panama, Trinidad, Brazil.
- BISPINOSA Kieffer, 1917:310, fig. 12 (tarsus). Type-locality: Paraguay. Distr. — Brazil, Paraguay. Ref. — Lane, 1947:209 (redescribed, Brazil).
- BLANTONI Lane & Forattini, 1956:211, figs. 11-12 (wing, male genitalia). Type-locality: Panama, Panama Prov., Tocumén. Distr. — Panama.
- CARIBE Lane & Forattini, 1958:208, fig. 6 (male genitalia). Type-locality: Panama, C.Z., Camarón. Distr. — Panama.
- CHACONI Macfie, 1938:166, fig. 9 (male genitalia). Type-locality: Trinidad, St. Augustine. Distr. — Trinidad, Brazil. Ref. — Lane & Forattini, 1961:89, fig. 4 (pupa).
- COQUILLETTI Kieffer, 1917:308 (nom. nov. for *Ceratopogon pictus* Coquillett, not Meigen). Distr. — U.S.A. (Illinois and Maryland to Louisiana and Florida), West Indies, Central and South America to Brazil. Refs. — Wirth, 1953a:75, fig. 11 h (male genitalia); Lane & Forattini, 1956:213, figs. 15-16 (wing, male genitalia); Lane & Forattini, 1961:90, fig. 3 (pupa).
- pictus* Coquillett, 1905:607 (*Ceratopogon*). Type-locality: U.S.A., Virginia.
- CORACINA Kieffer, 1917:311. Type-locality: Paraguay, San Bernardino. Distr. — Paraguay, Brazil. Ref. — Lane, 1947a:211 (redescribed).
- DIMINUTA Lane & Forattini, 1958:209, figs. 7-8 (wing, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama.
- DRYADUM Macfie, 1940c:186. Type-locality: Guyana, Mazaruni, High Forest. Distr. — Guyana, Panama. Ref. — Lane & Forattini, 1958:210, fig. 9 (male genitalia).
- DUBITANS Lane, Forattini & Rabello, 1955:85, figs. 8-9 (male genitalia, pupa). Type-locality: Brazil, São Paulo, Capital, Parque da Água Funda. Distr. — Brazil.

- DURETI Lane & Forattini, 1958:210, figs. 10-11 (wing, male genitalia). Type-locality: Brazil, São Paulo, Ribeirão Preto. Distr. — Brazil.
- ESMERALDA Lane & Forattini, 1958:211, figs. 12-13 (wing, male genitalia). Type-locality: Panama, Coclé, Aguadulce. Distr. — Panama.
- FEMORALIS Lane & Forattini, 1956:212, figs. 13-14 (wing, male genitalia). Type-locality: Panama, C.Z., Loma Borracha. Distr. — Panama.
- FIEBRIGI Kieffer, 1917:309. Type-locality: Paraguay. Distr. — Brazil, Paraguay. Refs. — Lane, 1947a:199, fig. 1 (male genitalia); Forattini & Rabello, 1956:45, figs. 3-4 (larva, pupa).
- GLAUCA Macfie, 1939a:204, fig. 22 (male genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Costa Rica, Panama, Brazil, West Indies (Jamaica), U.S.A. (Virginia, South Carolina, Louisiana). Refs. — Wirth, 1953a:77, fig. 12h (male genitalia); Lane & Forattini, 1958:211, fig. 14 (male genitalia); Lane, Forattini, & Rabello, 1955:84, fig. 5 (pupa) (syn.; *fluminensis*).
- fluminensis* Lane, 1947:210. Type-locality: Brazil, Rio de Janeiro, Angra dos Reis, Japuíba.
- GRANDIS Lane & Forattini, 1958:213, fig. 15 (wing). Type-locality: Panama, Panama Prov., Tocumén.
- KIEFFERI Lane, 1947a:205, fig. 8 (wing). Type-locality: Brazil, Minas Gerais, Governador Valadares. Distr. — Panama, Brazil. Ref. — Lane & Forattini, 1958:215, fig. 16 (male genitalia).
- MACFIEI Lane, 1947a:213, fig. 6 (male genitalia). Type-locality: Brazil, São Paulo, Osasco. Distr. — Brazil.
- MACULATA Lane, 1947a:207, fig. 4 (male genitalia). Type-locality: Brazil, Rio de Janeiro, Estrada Rio-SãoPaulo, km 47. Distr. — Panama, Venezuela, Brazil. Ref. — Ortiz, 1950a:429, figs. (female).
- MODESTA Lane, 1947a:206, fig. 9 (wing). Type-locality: Brazil, Rio de Janeiro, Angra dos Reis. Distr. — Brazil.
- NIGROFLAVA Lane & Forattini, 1958:215, figs. 17-18 (wing, male genitalia). Type-locality: Costa Rica, San Mateo, Hguito. Distr. — Costa Rica, Panama, West Indies (Puerto Rico).
- OBSCURA Lane & Forattini, 1958:216, figs. 19-20 (wing, male genitalia). Type-locality: Panama, Panama Prov., Tocumén. Distr. — Panama.
- PALLESSENS Lane & Forattini, 1958:218, figs. 21-22 (wing, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama, Brazil.
- PANAMENSIS Lane & Forattini, 1958:218, figs. 23-24 (wing, male genitalia). Type-locality: Panama, C.Z., Camarón. Distr. — Panama, Brazil, West Indies (Puerto Rico). Ref. — Forattini, Rabello & Pattoli, 1960:3, fig. e (pupa).
- PAULISTENSIS Lane, 1947a:200, fig. 2 (male genitalia). Type-locality: Brazil, São Paulo, Casa Grande. Distr. — Panama, Brazil, West Indies (Puerto Rico).
- PUNCTIPES Wirth, 1953a:79, fig. 11 d (male genitalia). Type-locality: U.S.A., Florida, Citrus Co., Crystal River. Distr. — U.S.A. (Florida), Mexico (Tamaulipas).
- PUNCTULATA Lane, 1947a:204. Type-locality: Brazil, Rio de Janeiro, Estrada Rio-São Paulo, km 47. Distr. — Panama, Brazil. Ref. — Lane & Forattini, 1958:220, fig. 25 (male genitalia).

- RABELLOI Lane, 1947a:203, figs. 3, 7 (wing, male genitalia). Type-locality: Brazil, Rio de Janeiro, Estrada Rio-São Paulo, km 47. Distr. U.S.A. (Louisiana, Georgia, Florida), Panama, Brazil. Ref. — Wirth, 1953a:81, fig. 11a (male genitalia).
- SCUTATA Lane & Forattini, 1961:92, figs. 1-2 (wing, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama.
- SILVICOLA Macfie, 1940c:185, fig. 3 (male genitalia). Type-locality: Guyana, Mazaruni, High Forest. Distr. — Guyana.
- SIMILANS Lane & Forattini, 1956:214, figs. 17-18 (wing, male genitalia). Type-locality: Panama, Coclé, Aguadulce. Distr. — Panama.
- SIMPLEX Lane & Forattini, 1958:222, figs. 26-27 (wing, male genitalia). Type-locality: Panama, Panama Prov., Tocumén. Distr. — Panama.
- TRANSVERSA Lane & Forattini, 1958:222, figs. 28-29 (wing, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama.
- TRAVASSOSI Lane, 1947a:210. Type-locality: Brazil, Espírito Santo, Santa Teresa. Distr. — Brazil.
- VENEZUELENSIS Ortiz, 1950d:199, figs. 1-6 (wing, tarsi, palpus, abdomen) (*glauca* var.). Type-locality: Venezuela, Miranda, Ocumare del Tuy. Distr. — Venezuela. Ref. — Ortiz, 1963:307, figs. 1-5 (female redescribed, figured).
- WIRTHI Lane & Forattini, 1956:214, figs. 19-20 (wing, male genitalia). Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Panama.
- WYGODZINSKYI Lane, 1947a:212. Type-locality: Brazil, São Paulo, Serra da Cantareira, Cuca. Distr. — Panama, Brazil. Ref. — Lane, Forattini & Rabello, 1955:85, figs. 6-7 (male genitalia, pupa).

Tribe HETEROMYIINI

Genus CERATOBIZZIA Kieffer

- CERATOBIZZIA Kieffer, 1917:296. Type-species, *fallax* Kieffer (orig. des.).
- FALLAX Kieffer, 1917:326, fig. 19 (antenna). Type-locality: Paraguay. Distr. — Brazil, Paraguay. Ref. — Lane, 1948:232, fig. 6 (male genitalia).

Genus CLINOHELEA Kieffer

- CLINOHELEA Kieffer, 1917:295. Type-species, *Ceratopogon variegatus* Winnertz (orig. des.).
- Refs. — Lane, 1944:249 (revision, key to Neotropical species); Lane & Duret, 1954:247 (key to Neotropical species).
- ALBOPENNIS Lane, 1944:259, fig. 2 (wing). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil, Argentina.
- ARGENTINA Lane & Duret, 1954:248. Type-locality: Argentina, Corrientes, Ita Ibate. Distr. — Argentina.
- BARRETTOI Lane & Duret, 1954:249. Type-locality: Brazil, São Paulo, Ribeirão Preto. Distr. — Brazil.
- DAMASCENOI Lane & Duret, 1954:250. Type-locality: Brazil, Pará, Belém. Distr. — Brazil, Peru.

- HORACIOI Lane, 1944:257, figs. 5, 7 (male genitalia). Type-locality: Brazil, São Paulo, S. Roque. Distr. — Honduras to Panama, Brazil, Argentina.
- NEIVAI Lane, 1944:252, figs. 3, 4 (male genitalia). Type-locality: Brazil, São Paulo, S. Roque. Distr. — Panama, Brazil.
- NIGRIPES Macfie, 1939a:205, fig. 23 (wing, antenna). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Costa Rica, Panama, Brazil, Argentina. Ref. — Lane, 1946a:210, fig. 8 (male genitalia).
- RUBRICEPS Kieffer, 1917:319. Type-locality: Paraguay. Distr. — Brazil, Paraguay. Ref. — Lane, 1944:250, fig. 1 (wing).
- SALTANENSIS Lane & Duret, 1954:252. Type-locality: Argentina, Corrientes, Santo Tomé. Distr. — Brazil, Argentina.
- TOWNESI Lane, 1944:254. Type-locality: Brazil, Mato Grosso, Pontal dos Morros Azuis. Distr. — Brazil.
- TOWNSENDI Lane, 1944:256. Type-locality: Brazil, São Paulo, S. Roque. Distr. — Peru, Brazil, Argentina.
- WYGODZINSKYI Lane, 1948:231. Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Distr. — Brazil.

Genus HETEROMYIA Say

- HETEROMYIA Say, 1825: plate 35 (1859:79). Type-species, *fasciata* Say (mon.).
- Pachyleptus* Walker, 1856:426. Type-species, *fasciatus* Walker (mon.).
Ref. — Duret & Lane, 1955:35 (key to Neotropical species).
- ANTEQUERAE (Lynch Arribáizaga), 1893:227 (*Pachyleptus*). Type-locality: Argentina, Antequera Island, Rio Paraná. Distr. — Argentina.
- BEJARANOI Duret & Lane, 1955:36, figs. 2, 3 (wing, male genitalia). Type-locality: Argentina, Chaco (as Presidente Perón Prov.), Capitán Colari. Distr. — Argentina.
- CASTANEA Lane, 1946a:214. Type-locality: Brazil, São Paulo, Severínia. Distr. — Brazil.
- CHAUQUENSIS Duret & Lane, 1955:37, fig. 1 (wing). Type-locality: Argentina, Chaco (as Presidente Perón Prov.), Capitán Solari. Distr. — Argentina.
- CLAVATA Williston, 1900:225. Type-locality: Mexico, Vera Cruz. Distr. — Mexico.
- CORRENTINA Duret & Lane, 1955:39, fig. 4 (male genitalia). Type-locality: Argentina, Chaco (as Presidente Perón Prov.), Tacuarí. Distr. — Panama, Argentina.
- KIEFFERI Lane, 1946a:213, fig. 7 (spermathecae). Type-locality: Brazil, Rio de Janeiro, Manguinhos. Distr. — Brazil.
- LAMPROGASTER Edwards, 1933:87. Type-locality: Argentina, San José. Distr. — Argentina.
- NIGRA Kieffer, 1917:326. Type-locality: Paraguay. Distr. — Brazil, Paraguay. Refs. — Lane, 1946a:211, figs. 6, 7 (wing, spermathecae); Lane, 1961c:40, fig. 1 (male genitalia).
- fasciatus* Walker, 1856:426 (*Pachyleptus*) (preoccupied by *Heteromyia fasciatus* Say). Type-locality: South America.
- ORELLANA (Roback), 1957:1, figs. A-F (wing, leg, tibial comb, antenna, spermathecae (*Palpomyia*)). Type-locality: Peru, Iquitos. Distr. — Peru.
N. COMB.

RUFA Kieffer, 1917:325, fig. 18 (palpus). Type-locality: Colombia, Baranquilla. Distr. — Panama, Colombia.

caloptera Kieffer, 1919:192. Unnecessary nom. nov. for *rufa* (Loew) of Malloch, 1915.

Genus NEUROHELEA Kieffer

NEUROHELEA Kieffer, 1925:112. Type-species, *Ceratopogon luteitarsis* Meigen (mon.).

OEDIDACTYLA Ingram & Macfie, 1931:212. Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina.

TURGIDIPES Ingram & Macfie, 1931:214. Type-locality: Chile, Mechuque Island. Distr. — Chile.

Genus PELLUCIDOMYIA Macfie

PELLUCIDOMYIA Macfie, 1939c:99. Type-species, *ugandae* Macfie (mon.).

Macfiehelea Lane, 1946a:208. Type-species, *oliveirai* Lane (orig. des.).

Refs. — Lane, 1956b:435 (revision, key, as *Macfiehelea*); Wirth, 1960a:1 (revision, key; synonym: *Macfiehelea*).

BLANTONI (Lane), 1956b:435 (*Macfiehelea*). Type-locality: Panama, C. Z., Mojinga Swamp. Distr. — Panama.

LANEI Wirth & Ratanaworabhan, 1971:446, fig. 1 (many parts). Type-locality: Colombia, Valle, Rio Raposo. Distr. — Colombia, West Indies (Jamaica).

OLIVEIRAI (Lane), 1946a:209, fig. 5 (wing) (*Macfiehelea*). Type-locality: Brazil, Minas Gerais, Governador Valadares. Distr. — Brazil.

WIRTHI (Lane), 1956b:437 (*Macfiehelea*). Type-locality: Panama, C.Z., Mindi Dairy. Distr. — Mexico to Colombia. Ref. — Wirth & Ratanaworabhan, 1971:446, fig. 1 (many parts) (redescribed).

Tribe SPHAEROMIINI

Ref. — Wirth, 1962:272 (revision of North American species, key to genera).

Genus JOHANNSENOMYIA Malloch

JOHANNSENOMYIA Malloch, 1915a:332. Type-species, *halteralis* Malloch (Wirth, 1952e:211) = *argentata* (Loew).

Dicrohelea Kieffer, 1917:363. Type-species, *Palpomyia filicornis* Kieffer (Macfie, 1940d:26).

Ref. — Wirth, 1962:276 (synonymy).

BLANTONI (Lane & Wirth), 1961:81 (*Dicrohelea*). Type-locality: Panama, La Jolla. Distr. — Panama.

LANEI Wirth, 1965c:4. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.



Genus LANEHELEA Wirth & Blanton

- LANEHELEA Wirth & Blanton, 1972b:433. Type-species, *leei* Wirth & Blanton (orig. des.).
- LEEI Wirth & Blanton, 1972b:434, fig. 1 a-l (female, many parts). Type-locality: Colombia, Valle, Rio Raposo. Distr. — Colombia.
- SPINIFEMUR Wirth & Blanton, 1972b:436, 2 a-l (female, many parts). Type-locality: Colombia, Valle, Rio Raposo. Distr. — Colombia.

Genus MALLOCHOHELEA Wirth

- MALLOCHOHELEA Wirth, 1962:278. Type-species, *Johannsenomyia albibasis* Malloch (orig. des.).
- AENIPES (Macfie), 1940c:193 (*Bezzia*). Type-locality: Guyana, Mazaruni. Distr. — Guyana.
- NEMORALIS (Macfie), 1940c:190, fig. 5 (male genitalia) (*Johannsenomyia*). Type-locality: Guyana, Mazaruni. Distr. — Guyana.
- NIGRIPES (Macfie), 1939a:216 (*Johannsenomyia*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- PULLATA (Wirth), 1952e:213, fig. 25j (tarsus) (*Johannsenomyia*). Type-locality: U.S.A., California, Imperial Co., El Centro. Distr. — U.S.A. (California to Texas), Mexico (Tamaulipas), Brazil.
- bicellii* Lane, 1961a:449 (*Nilobezzia*). Type-locality: Brazil, Amapá, Rio Felício.

Genus NEOBEZZIA Wirth & Ratanaworabhan

- NEOBEZZIA Wirth & Ratanaworabhan, 1972b:477. Type-species, *clavipes* Wirth & Ratanaworabhan (orig. des.).
- Ref. — Wirth & Ratanaworabhan, 1972:476 (revision, key).
- ALBITARSIS Wirth & Ratanaworabhan, 1972b:478, fig. 1 (female; many parts). Type-locality: Brazil, Pará, Rio Paru do Oeste, Igarapé Okueima. Distr. — Brasil.
- AMNICOLA (Macfie), 1940a:30 (*Bezzia*). Type-locality Guyana, New River. Distr. — British Honduras, Costa Rica, Panama, Colombia, Peru, Guyana, Brazil. Refs. — Mayer, 1959:230, fig. 1 (pupa); Wirth & Ratanaworabhan, 1972b:481, fig. 2 (many parts).
- BLANTONI Wirth & Ratanaworabhan, 1972b:482, fig. 3 (female, many parts). Type-locality: Panama, C.Z., Gamboa, Rio Agua Salud. Distr. — Nicaragua, Panama, Colombia, Brazil.
- BRASILIAE (Lane), 1961c:37 (*Macropeza*). Type-locality: Brazil, Brasília, D.F. Distr. — Brazil.
- CLAVIPES Wirth & Ratanaworabhan, 1972b:485, fig. 4 (female, many parts). Type-locality: Brazil, Amazonas, Rio Cuieiras, Igarapé Cachoeira. Distr. — Panama, Brazil.
- COSTARICAE Wirth & Ratanaworabhan, 1972b:486, fig. 5 (female, many parts). Type-locality: Costa Rica, Puntarenas Prov., Palmar Sur. Distr. — Costa Rica, Panama.
- FITTKAU Wirth & Ratanaworabhan, 1972b:489, fig. 6 (female, many parts). Type-locality: Brazil, Amazonas, Rio Preto, Tiririca. Distr. — Brazil.

Genus NILOBEZZIA Kieffer

NILOBEZZIA Kieffer, 1921:24. Type-species, *armata* Kieffer (mon.).

Dicrobezzia Kieffer, of Lane, 1948:232.

Refs. — Lane, 1948:232 (key, as *Dicrobezzia*); Lane, 1961:449 (key).

ATELES (Macfie), 1940b:78 (*Bezzia*). Type-locality: Brazil, Mundo Novo. Distr. — Brazil, N. COMB.

NEOTROPICA (Macfie), 1940b:78 (*Bezzia*). Type-locality Brazil, Mundo Novo. Distr. — Brazil.

PARAENSIS (Lane), 1958:33 (*Bezzia*). Type-locality: Brazil, Pará, Cachimbo. Distr. — Brazil.

SCHWARZII (Coquillett), 1901a:605 (*Ceratopogon*). Type-locality: U.S.A., Texas, Sharpsburg. Distr. — U.S.A. (Texas to Florida, Maryland, New York), Panama, Brazil, West Indies (Cuba). Ref. — Wirth, 1962:285, figs. 12-14 (tarsus, male genitalia) (redescribed, distribution; synonym: *brasiliensis*).

banksi Gerry, 1933:94 (*Bezzia*). Type-locality: Cuba, Soledad, Cienfuegos.

brasiliensis Lane, 1958:28 (*Bezzia*). Type-locality: Brazil, Rio de Janeiro, Itaguaí.

Tribe STENOXENINI

Ref. — Wirth & Ratanaworabhan, 1972a:1369 (revision, keys).

Genus PARYPHOCONUS Enderlein

PARYPHOCONUS Enderlein, 1912:57. Type-species, *angustipennis* Enderlein (orig. des.).

Refs. — Lane, 1956a:299 (revision, key); Lane, 1961b:453 (key); Wirth & Ratanaworabhan, 1972a:1369 (revision, key).

AEMULUS Macfie, 1940c:180, fig. 1 (male genitalia). Type-locality: Guyana, Mararuni, High Forest. Distr. — Guyana, Brazil. Ref. — Lane, 1946a:206, fig. 7 (spermatheca).

AMAPAENSIS Lane, 1961a:450, fig. 1 (wing). Type-locality: Brazil, Terr. Amapá, Serra do Navio. Distr. — Brazil.

ANGUSTIPENNIS Enderlein, 1912:57, figs. 1-4 (wing, tarsus, head, thorax). Type-locality: Brazil, Santa Catarina. Distr. — Mexico, Colombia, Peru, Venezuela, Brazil, Argentina. Refs. — Macfie, 1939b:5, plate 1, fig. 3 (wing); Lane, 1946a:202, figs. 2, 7 (wing, spermatheca); Kieffer, 1917:332, fig. 21 (tarsus); Mayer, 1952:583, figs. 1-2 (egg); Wirth & Ratanaworabhan, 1972a:1371, fig. 1 (many parts).

ANOMALICORNIS Kieffer, 1917:333, fig. 22 (antenna, tarsus). Type-locality: Colombia, Santa Marta, and Paraguay, Puerto Max. Distr. — Colombia, Mexico, Honduras, Venezuela, Paraguay.

BARRETOI Lane, 1946a:203, figs. 4, 7 (wing, spermatheca). Type-locality: Brazil, Goiás, Corumbá, Fazenda Monjolinho. Distr. — Mexico, Venezuela, Brazil.

BATESI Lane, 1961b:455, fig. 2 (wing). Type-locality: Brazil, Brasília, D.F. Distr. — Brazil.

- ENDERLEINI Lane, 1956a:301. Type-locality: Brazil, Mato Grosso, Bodoquena. Distr. — Brazil.
- FUSCUS Lane, 1946a:206, figs. 3, 7 (wing, spermatheca). Type-locality: Brazil, Goiás, Corumbá. Distr. — Brazil.
- COIANENSIS Lane, 1961b:456, fig. 3 (wing). Type-locality: Brazil, D.F., Brasília. Distr. — Brazil.
- GRANDIS Macfie, 1939b:6, plate 1, fig. 2 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- KIEFFERI Lane, 1956a:302. Type-locality: Brazil, Goiás, Corumbá. Distr. — Brazil.
- LANEI Wirth, 1959b:236, fig. 3 (male genitalia). Type-locality: Brazil, Rio Madeira, Igarapé das Três Casas, from pupa in vegetation of *Polygonum*. Distr. — Brazil. Ref. — Mayer, 1959:233, fig. 4 (pupa).
- MACFIEI Lane, 1946a:203, figs. 1, 7 (wing, spermatheca). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- MAYERI Wirth, 1959b:236. Type-locality: Brazil, Rio Madeira, Igarapé das Três Casas, from pupa in vegetation of *Polygonum*. Distr. — Brazil. Ref. — Mayer, 1959:232, fig. 3 (pupa).
- NEOTROPICALIS (Lane), 1948:229 (*Macropeza*). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- NICRIPES Macfie, 1939b:8, plate 1, fig. 4 (wing). Type-locality: Argentina, Misiones, Puerto Aguirre. Distr. — Guyana, Brazil, Argentina.
- NUBIFER Macfie, 1939b:5, plate 1, fig. 1 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Panama, Brazil, Uruguay, Bolivia.
- OLIVEIRAI Lane, 1956:303. Type-locality: Brazil, Pará, Cachimbo. Distr. — Brazil.
- PAULISTENSIS Lane, 1961b:457. Type-locality: Brazil, São Paulo, Ribeirão Preto, Tamanduá. Distr. — Brazil.
- SONORENSIS Wirth & Ratanaworabhan, 1972a:1374, fig. 5 a-c (antenna, wing, spermatheca). Type-locality: Mexico, Sonora, Alamos. Distr. — U.S.A. (Oklahoma), Mexico (Sonora).
- SUBFLAVUS Macfie, 1940a:23. Type-locality: Guyana, New River. Distr. — Colombia, Guyana, Brazil.
- TERMINALIS (Coquillett), 1904b:90 (*Ceratopogon*). Type-locality: Nicaragua, San Marcos. Distr. — British Honduras to Panama, Peru, Guyana, Brazil.
- guianae* Macfie, 1940c:180. Type-locality: Guyana, Mazaruni.
- TRAVASSOSI Lane, 1956a:304. Type-locality: Brazil, Pará, Cachimbo. Distr. — Brazil.
- UNIMACULATUS Macfie, 1940c:179. Type-locality: Guyana, Tukeit, Gorge of Potaro. Distr. — Guyana, Brazil.
- WIRTHI Lane, 1961b:458. Type-locality: Brazil, D.F., Brasília. Distr. — Brazil.
- WYCODZINSKYI Lane, 1946:208, fig. 7 (spermatheca). Type-locality: Brazil, Rio de Janeiro, Estrada Rio-São Paulo, km 47. Distr. — Brazil.

Genus STENOXENUS Coquillett

- STENOXENUS Coquillett, 1899:61. Type-species, *johnsoni* Coquillett (mon.).
- Refs. — Macfie, 1939a:141 (key); Lane, 1961b:452 (revision, key to Neotropical species); Wirth & Ratanaworabhan, 1972a:1378 (revision and key).

- ARCUATUS Wirth & Ratanaworabhan, 1972a:1379, fig. 9 f (wing). Type-locality: Panama, C.Z., Mojinga Swamp. Distr. — Panama.
- BLANTONI Wirth & Ratanaworabhan, 1972a:1379, fig. 8 a-e (antenna, palpus, wing, spermatheca, abdomen). Type-locality: Panama, Darien, Santa Fe. Distr. — Panama.
- BRASILIENSIS Macfie, 1939a:140, fig. 2 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil, Argentina.
- CARRERAI Lane, 1956:305, fig. 1 (wing) (as *carreirai*). Type-locality: Brazil, Goiás, Jataí. Distr. — Colombia, Brazil.
- DIMORPHUS Kieffer, 1909:46. Type-locality: Peru, Callanga. Distr. — Peru.
- EXCENTRICUS Lane, 1961b:453, fig. 1 (wing). Type-locality: Brazil, Pará, Cachimbo. Distr. — Brazil.
- FULVUS Johannsen, 1927:70. Type-locality: Peru, Putumayo Dist., La Chorrera. Distr. — Peru.
- JOHNSONI Coquillett, 1899:61. Type-locality: U.S.A., New Jersey, Delaware Water Gap. Distr. — Southeastern U.S.A., Mexico to Panama.
- LANEI Wirth & Ratanaworabhan, 1972a:1381, fig. 11 a-d (antenna, palpus, wing, spermatheca, abdomen). Type-locality: Panama, Darien, Santa Fe. Distr. — Panama.
- LIMPIDUS Wirth & Ratanaworabhan, 1972a:1383, fig. 9 g (wing). Type-locality: Costa Rica, Higuito, San Mateo. Distr. — Costa Rica.
- MARGINALIS Wirth & Ratanaworabhan, 1972a:1385, fig. 9 h (wing). Type-locality: Panama, C.Z., Mojinga Swamp. Distr. — Panama.
- NICER Lane, 1948:230, fig. 5 (male genitalia) (as *nigrus*). Type-locality: Brazil, Goiás, Corumbá, Fazenda Monjolinho. Distr. — Brazil.
- PARAENSIS Lane, 1956a:306, fig. 2 (wing). Type-locality: Brazil, Pará, Cachimbo. Distr. — Brazil.
- SETICER Macfie, 1939a:138, fig. 1 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — West Indies (Jamaica, Dominican Republic), Colombia, Brazil.

Tribe PALPOMYIINI

Genus BEZZIA Kieffer

- BEZZIA Kieffer, 1899:69. Type-species, *Ceratopogon ornatus* Meigen (orig. des.). Ref. — Lane, 1958:25 (revision, key to Neotropical species).
- ACANTHODES Macfie, 1940c:192. Type-locality: Guyana, Mazaruni. Distr. — Guyana, Brazil.
- ALBUQUERQUEI Lane, 1961c:43. Type-locality: Brazil, D.F., Brasília. Distr. — Brazil.
- BREVICORNIS (Kieffer), 1917:328, fig. 20 (*Allobezzia*). Type-locality: Paraguay, San Bernardino. Distr. — Paraguay.
- CARIOCA Lane, 1958:30. Type-locality: Brazil, Rio de Janeiro, Itaguaí. Distr. — Brazil.
- COLORADENSIS Wirth, 1952e:238. Type-locality: U.S.A., California, Imperial Co., Westmorland. Distr. — U.S.A. (California), West Indies (St. John).
- CONCOLORIPES Macfie, 1940a:31. Type-locality: Guyana, New River. Distr. — Guyana.

- FLAVIDA (Johannsen), 1943a:761, figs. 20, 22 (antenna, thorax) (*Ceratobezzia*). Type-locality: Guyana, Bertina. Distr. — Guyana. N. COMB.
- FLUMINENSIS Lane, 1948:236. Type-locality: Brazil, Rio de Janeiro, Estrada Rio-São Paulo, km 47. Distr. — Brazil. Ref. — Lane, 1958:31, fig. 1 (male genitalia).
- GIBBERA (Coquillett), 1905:60 (*Ceratopogon*). Type-locality: Cuba, Cayamas. Distr. — U.S.A. (Florida), West Indies (Cuba).
- COIANENSIS Lanc, 1961c:44. Type-locality: Brazil, Brasília, D.F. Distr. — Brazil.
- LENKOI Lane, 1958:31, figs. 2-3 (wing, male genitalia). Type-locality: Brazil, São Paulo, Barueri. Distr. — Panama, Brazil.
- MAZARUNI Macfie, 1940c:193. Type-locality: Guyana, Mazaruni. Distr. — Guyana.
- PULCHRIPE Kieffer, 1917:330. Type-locality: Paraguay. Distr. — Brazil, Paraguay. Refs. — Mayer, 1959:232, fig. 2 (pupa); Wirth, 1959b:234, fig. 1 (male genitalia).
- PUNCTIPENNIS (Williston), 1896:278, plate 9, fig. 39 (wing) (*Ceratopogon*). Type-locality: St. Vincent. Distr. — U.S.A. (California, Nevada, Florida), West Indies, Central and South America.
- SETULOSA (Loew), 1861:312 (Cent. 1, no. 8) (*Ceratopogon*). Type-locality: U.S.A., District of Columbia. Distr. — North America (California to Ontario and Florida), West Indies (Jamaica).
- SNOWI Lane, 1958:34, fig. 4 (genitalia). Type-locality: Guatemala. Distr. — Guatemala.
- SUBFUSCA Macfie, 1939a:218. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Panama, Brazil.
- TELMATOPHILA Macfie, 1940b:77. Type-locality: Brazil, Riacho do Atalho. Distr. — Brazil. Ref. — Lane, 1958:35, fig. 5 (male genitalia).
- VENUSTULA (Williston), 1896:278, plate 9, fig. 38 (*Ceratopogon*). Type-locality: St. Vincent. Distr. — West Indies (St. Vincent, Trinidad).

Genus PACHYHELEA Wirth

- PACHYHELEA Wirth, 1959a:50. Type-species, *Ceratopogon magnus* Coquillett (orig. des.) = *pachymera* (Williston).
- PACHYMERIA (Williston), 1900:224 (*Ceratopogon*). Type-locality: Mexico, Medellín near Vera Cruz. Distr. — U.S.A. (Texas), Mexico to Argentina. Refs. — Wirth, 1959a:52 (redescribed; synonyms: *albidiventris*, *latifemoris*); Lane, 1961:42 (Brazil).
- albidiventris* Kieffer, 1917:316 (*Sphaeromyia*). Type-locality: Colombia, Barranquilla.
- latifemoris* Ingram & Macfie, 1931:231 (*Johannsenomyia*). Type-locality: Argentina, Buenos Aires, San Isidro. Ref. — Macfie, 1940b:75 (redescribed).

Genus PALPOMYIA Meigen

- PALPOMYIA Meigen, 1818:82. Type-species, *Ceratopogon flavipes* Meigen (mon.). Refs. — Ingram & Macfie, 1931:215 (key to Chilean species); Macfie, 1939a:207 (key to Neotropical species); Lane, 1947b:446 (key); Lane, 1960:381 (revision, key to Neotropical species).



- ACULEATA Ingram & Macfie, 1931:215. Type-locality: Chile, Ancud. Distr. — Chile.
- ALMEIDAI Lane, 1946b:219, figs. 1-2 (wing, abdomen) (*Sphaeromias*). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- APRICANS Ingram & Macfie, 1931:219, fig. 32a-c (male genitalia). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina, Chile.
- BARRETTOI Lane, 1947b:442. Type-locality: Brazil, Rio de Janeiro, Itatiaia, Maromba. Distr. — Brazil.
- BOLIVIENSIS Kieffer, 1917:324, fig. 17 (tarsus). Type-locality: Bolivia, Coroico. Distr. — Bolivia.
- BRASILIENSIS Macfie, 1939a:213. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- CALLANGANA Kieffer, 1917:323, fig. 16 (tarsus). Type-locality: Peru, Callanga. Distr. — Peru.
- CARIOCA Lane, 1960:384. Type-locality: Brazil, Rio de Janeiro, Itatiaia, Agulhas Negras. Distr. — Brazil.
- CARRERAI (Lane), 1948:235 (*Dicrobezzia*, as *carreirai*). Type-locality: Brazil, São Paulo, São Miguel. Distr. — Brazil.
- CASTANEA Macfie, 1939a:211. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- CATARINENSIS Lane, 1960:385. Type-locality: Brazil, Santa Catarina, Florianópolis, Rio Tavares. Distr. — Brazil.
- CHILENSIS Ingram & Macfie, 1931:218. Type-locality: Chile, Ensenada. Distr. — Brazil, Chile.
- COLUMBIANA Kieffer, 1917:323, fig. 15 (tarsus). Type-locality: Colombia, Sierra San Lorenzo. Distr. — Colombia.
- CONIFERA Macfie, 1939a:214. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Ref. — Lane, 1947b:439 (redescribed).
- COROICOENSIS Wirth, nom. nov.
boliviensis Kieffer, 1917:331 (*Jenkinsia*). Type-locality: Bolivia, Coroico. Distr. — Bolivia. Preoccupied in *Palpomyia* by *boliviensis* Lane, 1917:324.
- CRASSICRUS Kieffer, 1917:321. Type-locality: Paraguay. Distr. — Brazil, Paraguay.
- GUARANI Lane, 1946b:221, figs. 3-9 (wing, abdomen, male genitalia, pupa). Type-locality: Brazil, São Paulo, Cantareira. Distr. — Brazil.
- INERMICOLLIS Kieffer, 1917:323. Type-locality: Paraguay, San Bernardino. Distr. — Paraguay.
- JOHANNSENI (Lane), 1948:233 (*Dicrobezzia*). Type-locality: Brazil, São Paulo, Itatinga. Distr. — Brazil.
- LACUSTRIS Lane, Forattini & Rabello, 1955:83, figs. 3-4 (male genitalia, pupa). Type-locality: Brazil, São Paulo, Capital, Parque da Água Funda. Distr. — Brazil.
- LIMNOCHARES (Macfie), 1940b:76, fig. 1 (male genitalia) (*Sphaeromias*). Type-locality: Brazil, Canafistula. Distr. — Brazil. N. COMB.
- LONGICORNIS (Williston), 1896:280, plate 9, fig. 43 (wing, antenna) (*Ceratopogon*) (preocc. by *Ceratopogon longicornis* Waltl 1837). Type-locality: St. Vincent. Distr. — West Indies (St. Vincent). Needs new name but only after comparison with other named species.

- LUTZI Lane, 1947b:440. Type-locality: Brazil, Rio de Janeiro, Nova Friburgo Distr. — Brazil.
- MACULICRUS Ingram & Macfie, 1931:230. Type-locality: Argentina, Misiones, Posadas. Distr. — Brazil, Argentina.
- MELLICHROA Macfie, 1939a:212. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- MICROCHELA Kieffer, 1917:321. Type-locality: Colombia, Sierra San Lorenzo. Distr. — Colombia.
- NIGROFLAVA Lane, 1947b:446. Type-locality: Brazil; São Paulo, Campos do Jordão. Distr. — Brazil.
- NIGROSCUTELLATA Lane, 1947b:444. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil.
- OLIVEIRAI Lane, 1947:443. Type-locality: Brazil, Minas Gerais, Governador Valadares. Distr. — Brazil.
- PAMPANA Lane, 1960:386. Type-locality Brazil, Rio Grande do Sul, Arroio Grande. Distr. — Brazil.
- PARAENSIS Lane, 1960:387. Type-locality: Brazil, Pará, Cachimbo. Distr. — Brazil.
- PATAGONICA Ingram & Macfie, 1931:222. Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina.
- PAULISTENSIS Lane, 1947b:445. Type-locality: not stated. Distr. — Panama, Brazil.
- SCABRA (Coquillett), 1905:62 (*Ceratopogon*). Type-locality: Mexico, Tabasco, Frontera. Distr. — Mexico.
- SENIOR Ingram & Macfie, 1931:222 (*apricans* var.). Type-locality: Chile, Castro, Distr. — Chile.
- SORDIDIPES Macfie, 1939a:209. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Refs. — Lane, 1947:440, fig. 1 (male genitalia); Lane, Forattini & Rabello, 1955:81, fig. 1 (pupa).
- SPINIFEMUR (Lane), 1948:234, fig. 8 (male genitalia) (*Dicrobezzia*). Type-locality: Brazil, São Paulo, Osasco. Distr. — Brazil.
- SPINOSA Lutz, 1914:193, plate 9, fig. 5 (leg.). Type-locality: Brazil, Rio de Janeiro, Manguinhos. Distr. — Brazil. Ref. — Lane, 1945:371 (redescribed from Lutz's type material).
- SUBFUSCULA Ingram & Macfie, 1931:216, fig. 32d, 34a (male genitalia). Type-locality: Chile, Casa Pangue. Distr. — Argentina, Chile.
- TAMOIOI Lane, 1960:388. Type-locality: Brazil, Rio de Janeiro, Itatiaia, Fazenda Penido. Distr. — Brazil.
- TENUICRUS Kieffer, 1917:320. Type-locality: Paraguay, San Lorenzo. Distr. — Paraguay.
- UMBELLA Macfie, 1939a:208. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Ref. — Lane, 1960:389, fig. 1 (male genitalia).
- VERSICOLOR Macfie, 1939a:215. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- WIRTHI Lane, Forattini & Rabello, 1955:82, fig. 2 (pupa). Type-locality: Brazil, São Paulo, Capital, Parque da Água Funda. Distr. — Brazil.

Unplaced Species of Ceratopogonidae

- Ceratopogon* CLARIPENNIS Lynch-Arribáizaga, 1893:229. Type-locality: Argentina, Buenos Aires, Navarro. Distr. — Argentina.

Excluded from Ceratopogonidae

Ceratopogon blanchardi Ichés, 1906:266, figs. 4, 5 (female, antenna). Type-locality: Argentina, Chaco Austral. Belongs in subfamily Tanypodinae in Chironomidae.

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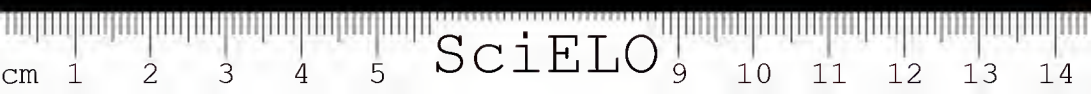
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INDEX

| | |
|---|-------|
| abercrombyi Macfie, 1938, Forcipomyia | 14.4 |
| acanthodes Macfie, 1940, Bezzia | 14.52 |
| Acanthohalea Kieffer, 1917 | 14.42 |
| acotylus Lutz, 1913, Culicoides | 14.27 |
| aculeata Ingram & Macfie, 1931, Palpomyia | 14.54 |
| adamsoni Macfie, 1937, Atrichopogon | 14.13 |
| aemulus Macfie, 1940, Paryphoconus | 14.50 |
| aenipes (Macfie), 1940 (Bezzia), Mallochohelea | 14.49 |
| aeria Saunders, 1956, Forcipomyia | 14.12 |
| aeronautica Macfie, 1935, Forcipomyia | 14.12 |
| aethionotus Wirth & Blanton, 1955, Culicoides | 14.36 |
| aitkeni Wirth & Blanton, 1968, Culicoides | 14.24 |
| alahialinus Barbosa, 1952, Culicoides | 14.27 |
| alambiculatorum Macfie, 1948, Culicoides | 14.23 |
| albicoxa Lane & Forattini, 1956, Stilobezzia | 14.44 |
| albidiventris Kieffer, 1917 (Sphaeromias), Pachyhelea | 14.53 |
| albinensis Ingram & Macfie, 1931, Atrichopogon | 14.13 |
| albitarsis Wirth & Ratanaworabhan, 1972, Neobezzia | 14.49 |
| albicincta Kieffer, 1917, Stilobezzia | 14.44 |
| albomacula Root & Hoffman, 1937, Culicoides | 14.37 |
| albopennis Lane, 1944, Clinohalea | 14.46 |
| albopicta Ingram & Macfie, 1931, Dasyhelea | 14.16 |
| albuquerquei Lane, 1961, Bezzia' | 14.52 |
| Alluaudomyia Kieffer, 1913 | 14.38 |
| almeidai Lane, 1946, Palpomyia | 14.54 |
| almirantei Wirth & Blanton, 1959 | 14.27 |
| altivolans Macfie, 1949, Atrichopogon | 14.13 |
| alvarezi Ortiz, 1957, Culicoides | 14.37 |
| amapaensis Lane, 1961, Paryphoconus | 14.50 |
| amazonica Wirth, 1971, Forcipomyia | 14.8 |
| amazonica Wirth & Blanton, 1970, Fittkauhelea | 14.39 |
| amazonius Macfie, 1935, Culicoides | 14.27 |
| americana Kieffer, 1917, Stilobezzia | 14.44 |
| amnicola (Macfie), 1940 (Bezzia), Neobezzia | 14.49 |
| amnigena (Macfie), 1935 (Eukraiohelea), Stilobezzia | 14.43 |
| andensis Ingram & Macfie, 1931, Dasyhelea | 14.16 |
| andicola Wirth & Lee, 1967, Culicoides | 14.20 |
| andinus Wirth & Lee, 1967, Culicoides | 14.28 |



| | |
|--|-------|
| angustipennis Enderlein, 1912, Paryphoconus | 14.50 |
| Anilomyia Vargas, 1960 | 14.19 |
| annulatipes Macfie, 1939, Forcipomyia | 14.4 |
| anomalicornis Kieffer, 1917, Paryphoconus | 14.50 |
| antefurcatus Wirth & Blanton, 1959, Culicoides | 14.37 |
| antennalis (Coquillett), 1901 (Ceratopogon), Stilobezzia | 14.44 |
| antequeræ (Lynch Arribálzaga), 1893 (Pachyleptus), Heteromyia .. | 14.47 |
| antiguensis Saunders, 1956, Forcipomyia | 14.9 |
| antunesi Forattini, 1954, Culicoides | 14.37 |
| <i>Apelma</i> , authors | 14.9 |
| <i>Apelma</i> Kieffer, 1919 | 14.12 |
| apricans Ingram & Macfie, 1931, Palpomyia | 14.54 |
| archboldi Wirth & Blanton, 1970, Culicoides | 14.28 |
| arcuatus Wirth & Ratanaworabhan, 1972, Stenoxenus | 14.52 |
| argenteola Macfie, 1939, Forcipomyia | 14.5 |
| argentina Lane & Duret, 1954, Clinohela | 14.46 |
| argentiniensis Kieffer, 1925, Dasyhelea | 14.16 |
| arizonensis Wirth & Hubert, 1960, Culicoides | 14.22 |
| arubae Fox & Hoffman, 1944, Culicoides | 14.37 |
| assimilis Ingram & Macfie, 1931, Atrichopogon | 14.13 |
| ateles (Macfie), 1940 (Bezzia), Nilobezzia | 14.50 |
| Atrichopogon Kieffer, 1906 | 14.13 |
| atrichopogon Lane & Forattini, 1956, Stilobezzia | 14.43 |
| attenuata Saunders, 1964, Forcipomyia | 14.7 |
| aureus Ortiz, 1951, Culicoides | 14.28 |
| auricoma Kieffer, 1917, Atrichopogon | 14.13 |
| australis Wirth, 1952, Dasyhelea | 14.17 |
| Avaritia Fox, 1955 | 14.20 |
| avilaensis Ortiz & Mirsa, 1951, Culicoides | 14.28 |
| azureus Wirth & Blanton, 1959, Culicoides | 14.28 |
| Bacohela Wirth & Blanton, 1970 | 14.38 |
| bahamensis (Johnson), 1908 (Ceratopogon), Dasyhelea | 14.17 |
| bahiensis Barbosa, 1947, Culicoides | 14.28 |
| bahuerei, error | 14.22 |
| bakeri Vargas, 1954, Culicoides | 14.22 |
| balboa Lane & Wirth, 1964, Monohela | 14.40 |
| balsapambensis Ortiz & León, 1954, Culicoides | 14.28 |
| bambusicola Lutz, 1913, Culicoides | 14.28 |
| banksi Gerry, 1933 (Bezzia), Nilobezzia | 14.50 |
| barbosai Wirth & Blanton, 1956, Culicoides | 14.28 |
| barrettoi Lane, 1946, Paryphoconus | 14.50 |
| barrettoi Lane, 1947, Palpomyia | 14.54 |
| barrettoi Lane & Duret, 1954, Clinohela | 14.46 |
| batesi Lane, 1961, Paryphoconus | 14.50 |
| baueri authors, Culicoides | 14.22 |
| beckae Wirth, 1953, Stilobezzia | 14.44 |
| becquaerti, error | 14.2 |
| beebei Fox, 1952, Culicoides | 14.19 |
| bejaranoi Duret & Lane, 1955, Heteromyia | 14.47 |
| Beltranmyia Vargas, 1953 | 14.21 |
| benarrochei, error | 14.37 |
| bennarochi Ortiz & Mirsa, 1952, Culicoides | 14.37 |
| bequaerti (Kieffer), 1925 (Holoconops), Leptoconops | 14.2 |
| Bezzia Kieffer, 1899 | 14.52 |
| bicellii (Lane), 1961 (Nilobezzia), Mallochohelea | 14.49 |
| bicinctipes Ingram & Macfie, 1931, Stilobezzia | 14.43 |



| | |
|--|-------|
| <i>bicolor</i> Lutz, 1914, <i>Forcipomyia</i> | 14.5 |
| <i>bicolor</i> Saunders, 1956, <i>Forcipomyia</i> | 14.12 |
| <i>bifidus</i> Ewen, 1958, <i>Atrichopogon</i> | 14.13 |
| <i>bicolor</i> Lane, 1947, <i>Stilobezzia</i> | 14.44 |
| <i>bimaculata</i> Lane & Forattini, 1956, <i>Stilobezzia</i> | 14.44 |
| <i>bimaculatus</i> Floch & Abonnenc, 1942, <i>Culicoides</i> | 14.24 |
| <i>birabeni</i> Cavalieri, 1966, <i>Culicoides</i> | 14.28 |
| <i>bispinosa</i> Kieffer, 1917, <i>Stilobezzia</i> | 14.44 |
| <i>blanchardi</i> Iches, 1906 (<i>Ceratopogon</i>), not <i>Ceratopogonidae</i> | 14.56 |
| <i>blantoni</i> (Lane), 1956 (<i>Macfiehelea</i>), <i>Pellucidomyia</i> | 14.48 |
| <i>blantoni</i> Lane & Forattini, 1956, <i>Stilobezzia</i> | 14.44 |
| <i>blantoni</i> (Lane & Wirth), 1961 (<i>Dicrohelea</i>), <i>Johannsenomyia</i> | 14.48 |
| <i>blantoni</i> Lane & Wirth, 1964, <i>Monohoelea</i> | 14.40 |
| <i>blantoni</i> Vargas & Wirth, 1955, <i>Culicoides</i> | 14.21 |
| <i>blantoni</i> Wirth, 1965, <i>Parabezzia</i> | 14.42 |
| <i>blantoni</i> Wirth & Ratanaworabhan, 1972, <i>Neobezzia</i> | 14.49 |
| <i>blantoni</i> Wirth & Ratanaworabhan, 1972, <i>Stenoxenus</i> | 14.52 |
| <i>Blantonina</i> Wirth & Dow, 1971 | 14.3 |
| <i>boliviensis</i> Kieffer, 1917 (<i>Jenkinsia</i>), <i>Palpomyia</i> | 14.54 |
| <i>boliviensis</i> Kieffer, 1917, <i>Palpomyia</i> | 14.54 |
| <i>borinqueni</i> Fox & Hoffman, 1944, <i>Culicoides</i> | 14.22 |
| <i>Brachypogon</i> Kieffer, 1899 | 14.38 |
| <i>brachyrhynchus</i> Wirth & Dow, 1972, <i>Forcipomyia</i> | 14.10 |
| <i>brasiliae</i> (Lane), 1961 (<i>Macropeza</i>), <i>Neobezzia</i> | 14.49 |
| <i>brasilianus</i> Forattini, 1956, <i>Culicoides</i> | 14.24 |
| <i>brasiliensis</i> Lane, 1958 (<i>Bezzia</i>), <i>Nilobezzia</i> | 14.50 |
| <i>brasiliensis</i> Lane, 1948, <i>Monohoelea</i> | 14.40 |
| <i>brasiliensis</i> (Lutz), 1913 (<i>Tersesthes</i>), <i>Leptoconops</i> | 14.2 |
| <i>brasiliensis</i> Macfie, 1939, <i>Atrichopogon</i> | 14.13 |
| <i>brasiliensis</i> Macfie, 1939, <i>Forcipomyia</i> | 14.7 |
| <i>brasiliensis</i> Macfie, 1939, <i>Palpomyia</i> | 14.54 |
| <i>brasiliensis</i> Macfie, 1939, <i>Stenoxenus</i> | 14.52 |
| <i>bredini</i> Wirth & Blanton, 1970, <i>Culicoides</i> | 14.37 |
| <i>brevicornis</i> (Kieffer), 1917 (<i>Allobezzia</i>), <i>Bezzia</i> | 14.52 |
| <i>brevipalpis</i> (Ingram & Macfie), 1931 (<i>Dasyhelea</i>), <i>Paradasyhelea</i> | 14.18 |
| <i>brevipalpis</i> Macfie, 1944, <i>Atrichopogon</i> | 14.13 |
| <i>bricnoi</i> Ortiz, 1951, <i>Culicoides</i> | 14.37 |
| <i>bromeliae</i> Saunders, 1956, <i>Forcipomyia</i> | 14.4 |
| <i>bromelicola</i> (Lutz), 1914 (<i>Ceratopogon</i>), <i>Forcipomyia</i> | 14.9 |
| <i>brunnea</i> Wirth, 1965, <i>Parabezzia</i> | 14.42 |
| <i>cacozelus</i> Macfie, 1948, <i>Culicoides</i> | 14.23 |
| <i>cactorum</i> Wirth & Hubert, 1960, <i>Dasyhelea</i> | 14.17 |
| <i>caerulea</i> Saunders, 1956, <i>Forcipomyia</i> | 14.3 |
| <i>calcarata</i> (Coquillett), 1905 (<i>Ceratopogon</i>), <i>Forcipomyia</i> | 14.4 |
| <i>caliginosa</i> Ingram & Macfie, 1931 | 14.5 |
| <i>caliginosella</i> Wirth, nom. nov., <i>Forcipomyia</i> | 14.5 |
| <i>callangana</i> Kieffer, 1917, <i>Palpomyia</i> | 14.54 |
| <i>Calofoforcipomyia</i> Saunders, 1956 | 14.3 |
| <i>caloptera</i> Kieffer, 1919, <i>Heteromyia</i> | 14.48 |
| <i>calvescens</i> Macfie, 1938, <i>Dasyhelea</i> | 14.17 |
| <i>composi</i> Ortiz & León, 1954, <i>Culicoides</i> | 14.28 |
| <i>cancer</i> Hogue & Wirth, 1968, <i>Culicoides</i> | 14.29 |
| <i>caprilesi</i> Fox, 1952, <i>Culicoides</i> | 14.29 |
| <i>caribbea</i> Wirth & Dow, 1971, <i>Forcipomyia</i> | 14.3 |
| <i>caribbeana</i> Saunders, 1956, <i>Forcipomyia</i> | 14.9 |
| <i>caribbeanus</i> Ewen, 1958, <i>Atrichopogon</i> | 14.13 |



| | |
|--|-------|
| caribe Lane & Forattini, 1958, <i>Stilobezzia</i> | 14.44 |
| caridei (Brèthes), 1912 (<i>Cotocripus</i>), <i>Culicoides</i> | 14.29 |
| carioca Lane, 1958, <i>Bezzia</i> | 14.52 |
| carioca Lane, 1960, <i>Palpomyia</i> | 14.54 |
| carpenteri Wirth & Blanton, 1953, <i>Culicoides</i> | 14.29 |
| carrerae (Lane), 1948 (<i>Dicrobezzia</i>), <i>Palpomyia</i> | 14.54 |
| carrerae Lane, 1956, <i>Stenoxenus</i> | 14.52 |
| carsiomelas Wirth & Blanton, 1955, <i>Culicoides</i> | 14.29 |
| casali Cavalieri & Chiossone, 1966, <i>Leptoconops</i> | 14.2 |
| castanea Lane, 1946, <i>Heteromyia</i> | 14.47 |
| castanea Macfie, 1939, <i>Palpomyia</i> | 14.54 |
| castillae Fox, 1946, <i>Culicoides</i> .. | 14.29 |
| catarinensis Lane, 1960, <i>Palpomyia</i> | 14.54 |
| caucaensis Wirth & Lee, 1967, <i>Culicoides</i> | 14.29 |
| caudata Ingram & Macfie, 1931, <i>Macrurohelea</i> | 14.39 |
| cebaco Lane & Wirth, 1964, <i>Monohalea</i> | 14.40 |
| <i>Centrorhynchus</i> Lutz, 1914 | 14.6 |
| <i>Ceratobezzia</i> Kieffer, 1917 | 14.46 |
| <i>Ceratopogoninae</i> | 14.18 |
| <i>Ceratopogonini</i> | 14.38 |
| cerifera Saunders, 1956, <i>Forcipomyia</i> | 14.7 |
| chacani Macfie, 1938, <i>Stilobezzia</i> | 14.44 |
| chaquensis Duret & Lane, 1955, <i>Heteromyia</i> | 14.47 |
| chiapasi Lane & Wirth, 1964, <i>Monohalea</i> | 14.40 |
| chilensis Forattini, 1958, <i>Leptoconops</i> | 14.2 |
| chilensis Ingram & Macfie, 1931, <i>Atrichopogon</i> | 14.13 |
| chilensis Ingram & Macfie, 1931, <i>Dasyhelea</i> | 14.17 |
| chilensis Ingram & Macfie, 1931, <i>Palpomyia</i> | 14.54 |
| chilensis (Philippi), 1865 (<i>Ceratopogon</i>), <i>Forcipomyia</i> | 14.5 |
| chirusi Lane & Wirth, 1964, <i>Monohalea</i> | 14.40 |
| chrysonotus Wirth & Blanton, 1956, <i>Culicoides</i> | 14.19 |
| claripennis Lynch Arribálzaga, 1893, <i>Ceratopogon</i> . Position Uncertain | 14.55 |
| clavata Williston, 1900, <i>Heteromyia</i> | 14.47 |
| clavipes Wirth & Ratanaworabhan, 1972, <i>Neobezzia</i> | 14.49 |
| Clinohalea Kieffer, 1917 | 14.46 |
| cochisensis Wirth & Blanton, 1967, <i>Culicoides</i> | 14.37 |
| colombiae Lane & Wirth, 1964, <i>Monohalea</i> | 14.40 |
| colombiae Wirth, 1970, <i>Forcipomyia</i> | 14.11 |
| coloradensis Wirth, 1952, <i>Bezzia</i> | 14.52 |
| columbiana (Kieffer), 1917 (<i>Culicoides</i>), <i>Dasyhelea</i> | 14.17 |
| columbiana Kieffer, 1917, <i>Palpomyia</i> | 14.54 |
| columbianus Kieffer, 1917, <i>Atrichopogon</i> | 14.13 |
| commatis Wirth & Blanton, 1959, <i>Culicoides</i> | 14.37 |
| concoloripes Macfie, 1940, <i>Bezzia</i> | 14.52 |
| conifera Macfie, 1939, <i>Palpomyia</i> | 14.54 |
| contubernalis Ortiz & León, 1954, <i>Culicoides</i> | 14.26 |
| copiosus Root & Hoffman, 1937, <i>Culicoides</i> | 14.22 |
| coquilletti Kieffer, 1917, <i>Stilobezzia</i> | 14.44 |
| coracina Kieffer, 1917, <i>Stilobezzia</i> | 14.44 |
| cornuta Saunders, 1964, <i>Forcipomyia</i> | 14.7 |
| coroicoensis Wirth, nom. nov., <i>Palpomyia</i> | 14.54 |
| correntina Duret & Lane, 1955, <i>Heteromyia</i> | 14.47 |
| costalis Macfie, 1939, <i>Atrichopogon</i> | 14.13 |
| costalis Wirth, 1965, <i>Parabezzia</i> | 14.42 |
| costaricae Macfie, 1953, <i>Atrichopogon</i> | 14.14 |
| costaricae Wirth & Ratanaworabhan, 1972, <i>Neobezzia</i> | 14.49 |
| <i>Cotocripus</i> Brèthes, 1912 | 14.27 |



| | |
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| <i>coutinhoi</i> Barretto, 1944, <i>Culicoides</i> | 14.24 |
| <i>covagarciai</i> Ortiz, 1950, <i>Culicoides</i> | 14.19 |
| <i>crassierus</i> Kieffer, 1917, <i>Palpomyia</i> | 14.54 |
| <i>crepuscularis</i> Malloch, 1915, <i>Culicoides</i> | 14.21 |
| <i>crescentis</i> Wirth & Blanton, 1959, <i>Culicoides</i> | 14.37 |
| <i>crucifer</i> Clastrier, 1968, <i>Culicoides</i> | 14.29 |
| <i>crudelis</i> Knab, 1914, <i>Forcipomyia</i> | 14.8 |
| <i>crudelis</i> Mayer, 1937 (<i>Phasmidohelea</i>), <i>Forcipomyia</i> | 14.8 |
| <i>cryptogamus</i> Macfie, 1939, <i>Atrichopogon</i> | 14.14 |
| <i>Culicoides</i> Latreille, 1809 | 14.21 |
| <i>Culicoidini</i> | 14.18 |
| <i>cunasi</i> Lane & Wirth, 1964, <i>Monohoelea</i> | 14.40 |
| <i>cylindrica</i> Wirth & Dow, 1972, <i>Forcipomyia</i> | 14.10 |
| <i>daedaloides</i> Wirth & Blanton, 1959, <i>Culicoides</i> | 14.37 |
| <i>daedalus</i> Macfie, 1948, <i>Culicoides</i> | 14.37 |
| <i>damascenoi</i> Lane & Duret, 1954, <i>Clinohoelea</i> | 14.46 |
| <i>dampfi</i> Root & Hoffman, 1937, <i>Culicoides</i> | 14.37 |
| <i>danaisi</i> (Floch & Abonnenc), 1949 (<i>Lasiohelea</i>), <i>Forcipomyia</i> | 14.12 |
| <i>darlingtonae</i> Wirth & Blanton, 1970, <i>Culicoides</i> | 14.29 |
| <i>Dasyhelea</i> Kieffer, 1911 | 14.16 |
| <i>Dasyheleinae</i> | 14.16 |
| <i>dasyophrus</i> Macfie, 1940, <i>Culicoides</i> | 14.29 |
| <i>daviesi</i> Wirth & Blanton, 1968, <i>Culicoides</i> | 14.37 |
| <i>debilipalpis</i> Lutz, 1913, <i>Culicoides</i> | 14.29 |
| <i>decor</i> (Williston), 1896 (<i>Ceratopogon</i>), <i>Culicoides</i> | 14.19 |
| <i>delpontei</i> Cavalieri, 1962, <i>Forcipomyia</i> | 14.5 |
| <i>denisae</i> Clastrier, 1971, <i>Culicoides</i> | 14.30 |
| <i>depilis</i> Macfie, 1939, <i>Atrichopogon</i> | 14.14 |
| <i>desertensis</i> Wirth & Hubert, 1960, <i>Forcipomyia</i> | 14.5 |
| <i>diabolicus</i> Hoffman, 1925, <i>Culicoides</i> | 14.24 |
| <i>diabolicus</i> , authors, <i>Culicoides</i> | 14.24 |
| <i>Diaphanobezzia</i> Ingram & Macfie, 1931 | 14.42 |
| <i>Dicrobezzia</i> , authors | 14.50 |
| <i>Dicrohelea</i> Kieffer, 1917 | 14.48 |
| <i>dicrourus</i> Wirth & Blanton, 1955, <i>Culicoides</i> | 14.30 |
| <i>Didymophleps</i> Weyenbergh, 1883 | 14.13 |
| <i>didymothecae</i> Macfie, 1953, <i>Atrichopogon</i> | 14.14 |
| <i>diminuta</i> Lane & Forattini, 1958, <i>Stilobezzia</i> | 14.44 |
| <i>diminutus</i> Barbosa, 1951, <i>Culicoides</i> | 14.26 |
| <i>dimorphus</i> Kieffer, 1909, <i>Stenoxenus</i> | 14.52 |
| <i>Diphaomyia</i> Vargas, 1960 | 14.21 |
| <i>discoloripes</i> Macfie, 1939, <i>Forcipomyia</i> | 14.5 |
| <i>discrepans</i> Ortiz & Mirsa, 1951, <i>Culicoides</i> | 14.30 |
| <i>disjuncta</i> (Ingram & Macfie), 1931 (<i>Isthmohelea</i>), <i>Monohoelea</i> | 14.40 |
| <i>dominicanus</i> Wirth & Blanton, 1970, <i>Culicoides</i> | 14.19 |
| <i>dominicii</i> Ortiz, 1951, <i>Culicoides</i> | 14.34 |
| <i>donajii</i> Vargas, 1954, <i>Culicoides</i> | 14.30 |
| <i>dorsalis</i> Wirth & Dow, 1972, <i>Forcipomyia</i> | 14.10 |
| <i>dorsofasciata</i> (Lutz), 1914 (<i>Palpomyia</i>), <i>Stilobezzia</i> | 14.43 |
| <i>dryadum</i> Macfie, 1940, <i>Stilobezzia</i> | 14.44 |
| <i>Drymodesmyia</i> Vargas, 1960 | 14.22 |
| <i>dubia</i> Macfie, 1939, <i>Forcipomyia</i> | 14.5 |
| <i>dubitans</i> Lane, Forattini & Rabello, 1955, <i>Stilobezzia</i> | 14.44 |
| <i>dunni</i> Wirth & Blanton, 1959, <i>Culicoides</i> | 14.38 |
| <i>dureti</i> Lane & Forattini, 1958, <i>Stilobezzia</i> | 14.45 |

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|---|-------|
| <i>Echinohelea</i> Macfie, 1940 | 14.39 |
| <i>eadsi</i> Wirth & Blanton, 1970, <i>Culicoides</i> | 14.30 |
| <i>echinodes</i> Macfie, 1939, <i>Atrichopogon</i> | 14.14 |
| <i>edwardsi</i> Ingram & Macfie, 1931, <i>Forcipomyia</i> | 14.5 |
| <i>edwardsi</i> Ingram & Macfie, 1931, <i>Stilobezzia</i> | 14.43 |
| <i>edwardsi</i> (Saunders), 1925 (<i>Apelma</i>), <i>Forcipomyia</i> | 14.9 |
| <i>edwardsiana</i> Wirth, nom. nov., <i>Forcipomyia</i> | 14.5 |
| <i>efferus</i> Fox, 1952, <i>Culicoides</i> | 14.19 |
| <i>elegantula</i> (Johannsen), 1907 (<i>Bezzia</i>), <i>Stilobezzia</i> | 14.43 |
| <i>elutus</i> Macfie, 1948, <i>Culicoides</i> | 14.21 |
| <i>enderleini</i> Lane, 1956, <i>Paryphoconus</i> | 14.51 |
| <i>equatoriensis</i> Barbosa, 1952, <i>Culicoides</i> | 14.30 |
| <i>eriophora</i> (Williston), 1896 (<i>Ceratopogon</i>), <i>Forcipomyia</i> | 14.8 |
| <i>esmeralda</i> Lane & Forattini, 1958, <i>Stilobezzia</i> | 14.45 |
| <i>eublepharus</i> Macfie, 1948, <i>Culicoides</i> | 14.30 |
| <i>eublepharus</i> , authors, <i>Culicoides</i> | 14.36 |
| <i>eucnemus</i> Macfie, 1939, <i>Atrichopogon</i> | 14.14 |
| <i>Euforcipomyia</i> Malloch, 1915 | 14.4 |
| <i>eukosma</i> Macfie, 1939, <i>Forcipomyia</i> | 14.3 |
| <i>Eukraiohelea</i> Ingram & Macfie, 1921 | 14.43 |
| <i>Euprojoannisia</i> Brèthes, 1915 | 14.3 |
| <i>evansi</i> Wirth & Blanton, 1959, <i>Culicoides</i> | 14.21 |
| <i>excentricus</i> Lane, 1961, <i>Stenoxenus</i> | 14.52 |
| <i>fairchildi</i> Lane & Wirth, 1964, <i>Monohalea</i> | 14.40 |
| <i>fairchildi</i> Wirth & Blanton, 1955, <i>Culicoides</i> | 14.28 |
| <i>falcifera</i> Saunders, 1959, <i>Forcipomyia</i> | 14.4 |
| <i>fallax</i> Kieffer, 1917, <i>Ceratobezzia</i> | 14.46 |
| <i>farri</i> Wirth, 1966, <i>Forcipomyia</i> | 14.10 |
| <i>farri</i> Wirth & Blanton, 1970, <i>Culicoides</i> | 14.19 |
| <i>fasciatus</i> Walker, 1856 (<i>Pachyleptus</i>), <i>Heteromyia</i> | 14.47 |
| <i>femoralis</i> Lane & Forattini, 1956, <i>Stilobezzia</i> | 14.45 |
| <i>fernandezi</i> Ortiz, 1954, <i>Culicoides</i> | 14.30 |
| <i>fiebrigi</i> Kieffer, 1917, <i>Atrichopogon</i> | 14.14 |
| <i>fiebrigi</i> Kieffer, 1917, <i>Stilobezzia</i> | 14.45 |
| <i>fieldi</i> Wirth & Blanton, 1956, <i>Culicoides</i> | 14.30 |
| <i>filarifer</i> Hoffman, 1939, <i>Culicoides</i> | 14.24 |
| <i>filibranchia</i> (Lutz), 1914 (<i>Ceratopogon</i>), <i>Dasyhelea</i> | 14.17 |
| <i>fimbriatus</i> Macfie, 1939, <i>Atrichopogon</i> | 14.14 |
| <i>Fittkauhelea</i> Wirth & Blanton, 1970 | 14.39 |
| <i>fittkaui</i> Wirth & Ratanaworabhan, 1972, <i>Neobezzia</i> | 14.49 |
| <i>flava</i> (Williston), 1896 (<i>Ceratopogon</i>), <i>Forcipomyia</i> | 14.5 |
| <i>flavicauda</i> Macfie, 1939, <i>Dasyhelea</i> | 14.17 |
| <i>flavicaudae</i> Macfie, 1939, <i>Atrichopogon</i> | 14.14 |
| <i>flavida</i> (Johannsen), 1943 (<i>Ceratobezzia</i>), <i>Bezzia</i> | 14.53 |
| <i>flavifemoris</i> Macfie, 1940, <i>Forcipomyia</i> | 14.5 |
| <i>flavipes</i> Lutz, 1914, <i>Atrichopogon</i> | 14.14 |
| <i>flavivenula</i> Lima, 1937, <i>Culicoides</i> | 14.24 |
| <i>flochabonnenci</i> Ortiz & Mirsa, 1952, <i>Culicoides</i> | 14.30 |
| <i>florenciae</i> Messersmith, 1972, <i>Culicoides</i> | 14.30 |
| <i>floridensis</i> Beck, 1951, <i>Culicoides</i> | 14.30 |
| <i>floridensis</i> Wirth, 1951, <i>Leptoconops</i> | 14.3 |
| <i>fluminensis</i> Lane, 1948, <i>Bezzia</i> | 14.53 |
| <i>fluminensis</i> Lane, 1947, <i>Stilobezzia</i> | 14.45 |
| <i>flumineus</i> Macfie, 1935, <i>Atrichopogon</i> | 14.14 |
| <i>fluvialis</i> Macfie, 1940, <i>Culicoides</i> | 14.30 |
| <i>fluviatilis</i> (Lutz), 1914 (<i>Johannseniella</i>), <i>Culicoides</i> | 14.38 |



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| forattinii Ortiz, 1961, <i>Culicoides</i> | 14.31 |
| Forcipomyia Meigen, 1818 | 14.3, |
| Forcipomyiinae | 14.3 |
| foxi Ortiz, 1950, <i>Culicoides</i> | 14.24 |
| fuliginosa (Meigen), 1818 (<i>Ceratopogon</i>), <i>Forcipomyia</i> | 14.8 |
| fulvus Johannsen, 1927, <i>Stenoxenus</i> | 14.52 |
| furens (Poey), 1851 (<i>Oecacta</i>), <i>Culicoides</i> | 14.31 |
| furcifera Macfie, 1940, <i>Forcipomyia</i> | 14.3 |
| furva Ingram & Macfie, 1931, <i>Stilobezzia</i> | 14.43 |
| fusca (Philippi), 1865 (<i>Tetrastoma</i>), <i>Forcipomyia</i> | 14.5 |
| <i>fuscicornis</i> , error, <i>Forcipomyia</i> | 14.10 |
| fuscipennis Lane & Wirth, <i>Monohalea</i> | 14.40 |
| fuscipennis Wirth, 1965, <i>Parabozzia</i> | 14.42 |
| fuscivenosus (Lutz), 1914 (<i>Palpomyia</i>), <i>Brachypogon</i> | 14.38 |
| fusculus (Coquillett), 1901 (<i>Ceratopogon</i>), <i>Atrichopogon</i> | 14.14 |
| fusus Lane, 1946, <i>Paryphoconus</i> | 14.51 |
| fusicornis (Coquillett), 1905 (<i>Ceratopogon</i>), <i>Forcipomyia</i> | 14.10 |
| gabaldoni Ortiz, 1954, <i>Culicoides</i> | 14.31 |
| galapagensis (Coquillett), 1901 (<i>Ceratopogon</i>), <i>Forcipomyia</i> | 14.8 |
| galindoi Wirth & Blanton, 1953, <i>Culicoides</i> | 14.31 |
| genualis (Loew), 1866 (<i>Ceratopogon</i>), <i>Forcipomyia</i> | 14.5 |
| germanus Macfie, 1940, <i>Culicoides</i> | 14.31 |
| <i>germanus</i> , authors, <i>Culicoides</i> | 14.30, |
| gibbera (Coquillett), 1905 (<i>Ceratopogon</i>), <i>Bezzia</i> | 14.53 |
| <i>gibsoni</i> Wirth, 1952, <i>Culicoides</i> | 14.29 |
| ginesi Ortiz, 1951, <i>Culicoides</i> | 14.31 |
| glabellus Wirth & Blanton, 1956, <i>Culicoides</i> | 14.31 |
| glaber Macfie, 1935, <i>Atrichopogon</i> | 14.14 |
| glabrior Macfie, 1940, <i>Culicoides</i> | 14.31 |
| Glaphiromyia Vargas, 1960 | 14.23 |
| glauca Macfie, 1939, <i>Stilobezzia</i> | 14.45 |
| globulifer Macfie, 1939, <i>Atrichopogon</i> | 14.14 |
| goianensis Lane, 1961, <i>Bezzia</i> | 14.53 |
| goianensis Lane, 1961, <i>Paryphoconus</i> | 14.51 |
| goniognatha Wirth & Messersmith, 1971, <i>Forcipomyia</i> | 14.12 |
| gordoni Macfie, 1938, <i>Atrichopogon</i> | 14.14 |
| gorgasi Wirth & Blanton, 1953, <i>Culicoides</i> | 14.32 |
| <i>grahambelli</i> Forattini, 1956, <i>Culicoides</i> | 14.32 |
| grandis Lane & Forattini, 1958, <i>Stilobezzia</i> | 14.45 |
| grandis Macfie, 1939, <i>Paryphoconus</i> | 14.51 |
| guadeloupensis Floch & Abonnenc, 1950, <i>Culicoides</i> | 14.32 |
| guaimiesi Lane & Wirth, 1964, <i>Monohalea</i> | 14.40 |
| guamai Wirth & Dow, 1972, <i>Forcipomyia</i> | 14.10 |
| guarani Lane, 1947, <i>Palpomyia</i> | 14.54 |
| guerrai Wirth & Blanton, 1970, <i>Culicoides</i> | 14.32 |
| guianae (Macfie), 1940, (<i>Acanthohalea</i>), <i>Stilobezzia</i> | 14.42 |
| <i>guianae</i> Macfie, 1940, <i>Paryphoconus</i> | 14.51 |
| guianae Wirth, 1953, <i>Monohalea</i> | 14.41 |
| guianensis Macfie, 1940, <i>Atrichopogon</i> | 14.14 |
| guttatus (Coquillett), 1904 (<i>Ceratopogon</i>), <i>Culicoides</i> | 14.24 |
| <i>guttatus</i> authors, <i>Culicoides</i> | 14.24 |
| guyanensis Floch & Abonnenc, 1942, <i>Culicoides</i> | 14.32 |
| <i>Haematomyidium</i> Goeldi, 1905 | 14.27 |
| haematopotus Malloch, 1915, <i>Culicoides</i> | 14.21 |
| harrisi Macfie, 1938, <i>Atrichopogon</i> | 14.14 |



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| <i>hayesi</i> Matta, 1967, <i>Culicoides</i> | 14.20 |
| <i>heliconiae</i> Fox & Hoffman, 1944, <i>Culicoides</i> | 14.24 |
| <i>hertigi</i> Wirth & Blanton, 1953, <i>Culicoides</i> | 14.23 |
| <i>Heteromyia</i> Say, 1825 | 14.47 |
| <i>Heteromyiini</i> | 14.46 |
| <i>hieroglyphica</i> authors, <i>Monohalea</i> | 14.41 |
| <i>hieroglyphica</i> Kieffer, 1917, <i>Monohalea</i> | 14.41 |
| <i>hieroglyphicus</i> Malloch, 1915, <i>Culicoides</i> | 14.36 |
| <i>hippolytae</i> Macfie, 1935, <i>Dasyhelea</i> | 14.17 |
| <i>hirsuta</i> Ingram & Macfie, 1931, <i>Stilobezzia</i> | 14.43 |
| <i>hirtipes</i> (Kieffer), 1917 (<i>Culicoides</i>), <i>Dasyhelea</i> | 14.17 |
| <i>hoffmani</i> Fox, 1946, <i>Culicoides</i> | 14.32 |
| <i>Hoffmania</i> Fox, 1948 | 14.23 |
| <i>Holoconops</i> Kieffer, 1918 | 14.2 |
| <i>hondurensis</i> Hoffman, 1926, <i>Leptoconops</i> | 14.2 |
| <i>horacioi</i> Lane, 1944, <i>Clinohalea</i> | 14.47 |
| <i>horticola</i> Lutz, 1913, <i>Culicoides</i> | 14.32 |
| <i>hortorum</i> (Weyenbergh), 1883 (<i>Didymophleps</i>), <i>Atrichopogon</i> | 14.14 |
| <i>hyeroglyphica</i> , error, <i>Monohalea</i> | 14.41 |
| <i>hylas</i> Macfie, 1940, <i>Culicoides</i> | 14.25 |
| <i>ignacioi</i> Forattini, 1957, <i>Culicoides</i> | 14.25 |
| <i>imitator</i> Ortiz, 1953, <i>Culicoides</i> | 14.32 |
| <i>impar</i> (Johannsen), 1938 (<i>Ceratopogon</i>), <i>Brachypogon</i> | 14.39 |
| <i>inamollae</i> Fox & Hoffman, 1944, <i>Culicoides</i> | 14.25 |
| <i>incubans</i> (Macfie), 1937 (<i>Pterobosca</i>), <i>Forcipomyia</i> | 14.10 |
| <i>incultus</i> Ewen, 1958, <i>Atrichopogon</i> | 14.14 |
| <i>indecora</i> Kieffer, 1914, <i>Forcipomyia</i> | 14.4 |
| <i>inermicollis</i> Kieffer, 1917, <i>Palpomyia</i> | 14.54 |
| <i>ingrami</i> Carter, 1919, <i>Forcipomyia</i> | 14.4 |
| <i>insigniforceps</i> Macfie, 1939, <i>Forcipomyia</i> | 14.7 |
| <i>insignipalpis</i> Macfie, 1940, <i>Atrichopogon</i> | 14.14 |
| <i>insignipalpis</i> Macfie, 1949, <i>Forcipomyia</i> | 14.8 |
| <i>insignis</i> authors, <i>Culicoides</i> | 14.25 |
| <i>insignis</i> Lutz, 1913, <i>Culicoides</i> | 14.25 |
| <i>insigniventris</i> Macfie, 1935, <i>Atrichopogon</i> | 14.15 |
| <i>insinuatus</i> Ortiz & León, 1954, <i>Culicoides</i> | 14.32 |
| <i>insolatus</i> Wirth & Hubert, 1960, <i>Culicoides</i> | 14.22 |
| <i>intermedia</i> Saunders, 1964, <i>Forcipomyia</i> | 14.7 |
| <i>intrepida</i> Macfie, 1936, <i>Forcipomyia</i> | 14.12 |
| <i>iriartei</i> Fox, 1952, <i>Culicoides</i> | 14.22 |
| <i>Isthmohelea</i> Ingram & Macfie, 1931 | 14.40 |
| <i>ixodoides</i> (Fiebrig-Gertz), 1928 (<i>Ceratopogon</i>), <i>Forcipomyia</i> | 14.8 |
| <i>jamaicensis</i> Edwards, 1922, <i>Culicoides</i> | 14.22 |
| <i>jamaicensis</i> Wirth, 1970, <i>Forcipomyia</i> | 14.11 |
| <i>jamaicensis</i> Wirth, 1965, <i>Parabezzia</i> | 14.42 |
| <i>jipajapae</i> Wirth, 1970, <i>Forcipomyia</i> | 14.11 |
| <i>jocosa</i> Saunders, 1956, <i>Forcipomyia</i> | 14.9 |
| <i>johannseni</i> (Lane), 1948 (<i>Dicrobezzia</i>), <i>Palpomyia</i> | 14.54 |
| <i>johannseni</i> Wirth, 1953, <i>Monohalea</i> | 14.41 |
| <i>Johannsenomyia</i> Malloch, 1915 | 14.48 |
| <i>johnsoni</i> Coquillett, 1899, <i>Stenoxenus</i> | 14.52 |
| <i>keilini</i> (Saunders), 1915 (Apelma), <i>Forcipomyia</i> | 14.9 |
| <i>kiefferi</i> Lane, 1946, <i>Heteromyia</i> | 14.47 |
| <i>kiefferi</i> Lane, 1956, <i>Paryphoconus</i> | 14.51 |



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|---|------------|
| <i>kiefferi</i> Lane, 1947, <i>Stilobezzia</i> | 14.45 |
| <i>kintzi</i> Wirth & Blanton, 1953, <i>Culicoides</i> | 14.29 |
| <i>kuanosceles</i> Macfie, 1939, <i>Forcipomyia</i> | 14.7 |
| <i>kuscheli</i> Wirth, 1965, <i>Macrurohelea</i> | 14.39 |
| <i>lacajae</i> Macfie, 1953, <i>Atrichopogon</i> | 14.15 |
| <i>lacrimatorii</i> Macfie, 1939, <i>Forcipomyia</i> | 14.5 |
| <i>lacustris</i> Ingram & Macfie, 1931, <i>Dasyhelea</i> | 14.17 |
| <i>lacustris</i> Lane, Forattini & Rabello, 1955, <i>Palpomyia</i> | 14.54 |
| <i>lahillei</i> Ichas, 1906 (<i>Ceratopogon</i>), <i>Culicoides</i> | 14.34 |
| <i>lamprogaster</i> Edwards, 1933, <i>Heteromyia</i> | 14.47 |
| <i>Lanehelea</i> Wirth & Blanton, 1972 | 14.49 |
| <i>lanei</i> Ortiz, 1950, <i>Culicoides</i> | 14.32 |
| <i>lanei</i> Wirth, 1965, <i>Johannsenomyia</i> | 14.48 |
| <i>lanei</i> Wirth, 1953, <i>Monohela</i> | 14.41 |
| <i>lanei</i> Wirth, 1959, <i>Paryphoconus</i> | 14.51 |
| <i>lanei</i> Wirth & Ratanaworabhan, 1971, <i>Pellucidomyia</i> | 14.48 |
| <i>lanei</i> Wirth & Ratanaworabhan, 1972, <i>Stenoxenus</i> | 14.52 |
| <i>Lasiohelea</i> Kieffer, 1921 | 14.6, 14.7 |
| <i>latifemoris</i> Ingram & Macfie, 1931 (<i>Johannsenomyia</i>), <i>Pachyhelea</i> ... | 14.53 |
| <i>leei</i> Wirth & Blanton, 1972, <i>Lanehelea</i> | 14.49 |
| <i>leei</i> Wirth & Blanton, 1970, <i>Parastilobezzia</i> | 14.42 |
| <i>lenkoi</i> Lane, 1958, <i>Bezzia</i> | 14.53 |
| <i>leoni</i> Barbosa, 1952, <i>Culicoides</i> | 14.33 |
| <i>leopoldoi</i> Ortiz, 1951, <i>Culicoides</i> | 14.33 |
| <i>Lepidohelea</i> Kieffer, 1917 | 14.7 |
| <i>Leptoconopinae</i> | 14.2 |
| <i>Leptoconops</i> Skuse, 1889 | 14.2 |
| <i>Leptohelea</i> Wirth & Blanton, 1970 | 14.39 |
| <i>lesliei</i> Wirth, nom. nov., <i>Forcipomyia</i> | 14.12 |
| <i>lichyi</i> Floch & Abonnenc, 1949, <i>Culicoides</i> | 14.33 |
| <i>lichyi</i> , authors, <i>Culicoides</i> | 14.30 |
| <i>limai</i> Barretto, 1944, <i>Culicoides</i> | 14.33 |
| <i>limnetis</i> Ingram & Macfie, 1931, <i>Forcipomyia</i> | 14.12 |
| <i>limnochares</i> (Macfie), 1940 (<i>Sphaeromias</i>), <i>Palpomyia</i> | 14.54 |
| <i>limonensis</i> Ortiz & León, 1954, <i>Culicoides</i> | 14.33 |
| <i>limpidus</i> Wirth & Ratanaworabhan, 1972, <i>Stenoxenus</i> | 14.52 |
| <i>lituratus</i> (Williston), 1896 (<i>Ceratopogon</i>), <i>Atrichopogon</i> | 14.15 |
| <i>longicornis</i> Ewen, 1958, <i>Atrichopogon</i> | 14.15 |
| <i>longicornis</i> (Williston), 1896 (<i>Ceratopogon</i>), <i>Palpomyia</i> | 14.54 |
| <i>longispina</i> Saunders, 1956, <i>Forcipomyia</i> | 14.4 |
| <i>Iopesi</i> Barretto, 1944, <i>Culicoides</i> | 14.33 |
| <i>Lophomyidium</i> Cordero, 1929 | 14.13 |
| <i>Iotus</i> (Williston), 1896 (<i>Ceratopogon</i>), <i>Forcipomyia</i> | 14.4 |
| <i>loughnani</i> Edwards, 1922, <i>Culicoides</i> | 14.23 |
| <i>loughnani</i> , authors, <i>Culicoides</i> | 14.22 |
| <i>louriei</i> (Macfie), 1935 (<i>Lasiohelea</i>), <i>Forcipomyia</i> | 14.12 |
| <i>luglani</i> Jones & Wirth, 1958, <i>Culicoides</i> | 14.33 |
| <i>lutealaris</i> Wirth & Blanton, 1956, <i>Culicoides</i> | 14.20 |
| <i>lutisquamosa</i> Wirth, 1972, <i>Forcipomyia</i> | 14.8 |
| <i>luteogrisea</i> Wirth & Williams, 1957, <i>Dasyhelea</i> | 14.17 |
| <i>luteovenus</i> Root & Hoffman, 1937, <i>Culicoides</i> | 14.21 |
| <i>luteovenus</i> , authors, <i>Culicoides</i> | 14.26 |
| <i>lutzi</i> Lima, 1937, <i>Culicoides</i> | 14.25 |
| <i>lutzi</i> , authors, <i>Culicoides</i> | 14.25 |
| <i>lutzi</i> Lane, 1947, <i>Palpomyia</i> | 14.55 |
| <i>lyrinotatus</i> Wirth & Blanton, 1955, <i>Culicoides</i> | 14.33 |



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| <i>Macfiella</i> Fox, 1955 | 14.26 |
| <i>Macfiehelea</i> Lane, 1946 | 14.48 |
| <i>macfie</i> Lane, 1946, <i>Paryphoconus</i> | 14.51 |
| <i>macfie</i> Lane, 1947, <i>Stilobezzia</i> | 14.45 |
| <i>macfie</i> Lane, 1948, <i>Echinohelea</i> | 14.39 |
| <i>macfie</i> Lima, 1937 (<i>Pterobosca</i>), <i>Forcipomyia</i> | 14.10 |
| <i>macfie</i> , authors, <i>Monohela</i> | 14.41 |
| <i>macrostigma</i> Wirth & Blanton, 1953, <i>Culicoides</i> | 14.33 |
| <i>Macrurohelea</i> Ingram & Macfie, 1931 | 14.39 |
| <i>maculata</i> Lane, 1947, <i>Stilobezzia</i> | 14.45 |
| <i>maculata</i> Macfie, 1943, <i>Dasyhelea</i> | 14.17 |
| <i>maculicrus</i> Ingram & Macfie, 1931, <i>Palpomyia</i> | 14.55 |
| <i>maculipennis</i> Clastrier, 1968, <i>Atrichopogon</i> | 14.15 |
| <i>maculipennis</i> (Coquillett), 1905 (<i>Ceratopogon</i>), <i>Monohela</i> | 14.41 |
| <i>maculithorax</i> Williston, 1896 (<i>Ceratopogon</i>), <i>Culicoides</i> | 14.31 |
| <i>maculitibia</i> Lane & Forattini, 1956, <i>Stilobezzia</i> | 14.43 |
| <i>maculosa</i> Ingram & Macfie, 1931, <i>Forcipomyia</i> | 14.5 |
| <i>magna</i> (Saunders), 1925 (<i>Apelma</i>), <i>Forcipomyia</i> | 14.10 |
| <i>magnipalpis</i> Wirth & Blanton, 1953, <i>Culicoides</i> | 14.33 |
| <i>maia</i> Lane & Forattini, 1958, <i>Stilobezzia</i> | 14.43 |
| <i>Mallochohelea</i> Wirth, 1962 | 14.49 |
| <i>manasensis</i> Lane & Forattini, 1958, <i>Stilobezzia</i> | 14.43 |
| <i>marginalis</i> Wirth & Ratanaworabhan, 1972, <i>Stenoxenus</i> | 14.52 |
| <i>marinkellei</i> Wirth & Lee, 1967, <i>Culicoides</i> | 14.22 |
| <i>marshi</i> Wirth & Blanton, 1956, <i>Culicoides</i> | 14.20 |
| <i>martinezi</i> Wirth & Blanton, 1970, <i>Culicoides</i> | 14.33 |
| <i>maruim</i> Lutz, 1913, <i>Culicoides</i> | 14.25 |
| <i>Mataemyia</i> Vargas, 1960 | 14.27 |
| <i>mayeri</i> Forattini & Lane, 1956, <i>Forcipomyia</i> | 14.8 |
| <i>mayeri</i> Ortiz, 1950, <i>Monohela</i> | 14.41 |
| <i>mayeri</i> Wirth, 1959, <i>Paryphoconus</i> | 14.51 |
| <i>mazaruni</i> Macfie, 1940, <i>Bezzia</i> | 14.53 |
| <i>Megaconops</i> Wirth & Atchley, 1973 | 14.3 |
| <i>melleus</i> (Coquillett), 1901 (<i>Ceratopogon</i>), <i>Culicoides</i> | 14.34 |
| <i>mellichroa</i> Macfie, 1939, <i>Palpomyia</i> | 14.55 |
| <i>mendozae</i> Ingram & Macfie, 1931, <i>Atrichopogon</i> | 14.15 |
| <i>messersmithi</i> Wirth & Dow, 1972, <i>Forcipomyia</i> | 14.10 |
| <i>Metaforcipomyia</i> Saunders, 1956 | 14.7 |
| <i>metagonatus</i> Wirth & Blanton, 1956, <i>Culicoides</i> | 14.20 |
| <i>mexicana</i> Wirth, 1956, <i>Forcipomyia</i> | 14.12 |
| <i>microchela</i> Kieffer, 1917, <i>Palpomyia</i> | 14.55 |
| <i>Microhelea</i> Kieffer, 1917 | 14.8 |
| <i>micronyx</i> Wirth & Blanton, 1970, <i>Leptohelea</i> | 14.39 |
| <i>microtoma</i> (Kieffer), 1917 (<i>Atrichopogon</i>), <i>Forcipomyia</i> | 14.9 |
| <i>minisquamosa</i> Wirth, 1972, <i>Forcipomyia</i> | 14.9 |
| <i>mirsa</i> Ortiz, 1953, <i>Culicoides</i> | 14.34 |
| <i>miyamotoi</i> Wirth & Blanton, 1953, <i>Culicoides</i> | 14.28 |
| <i>modesta</i> Lane, 1947, <i>Stilobezzia</i> | 14.45 |
| <i>mohave</i> Wirth, 1952, <i>Culicoides</i> | 14.34 |
| <i>mojungaensis</i> Wirth & Blanton, 1953, <i>Culicoides</i> | 14.34 |
| <i>Monoculicoides</i> Khalaf, 1954 | 14.27 |
| <i>Monohela</i> Kieffer, 1917 | 14.40 |
| <i>monticola</i> Ingram & Macfie, 1931, <i>Dasyhelea</i> | 14.17 |
| <i>monticola</i> Wirth & Lee, 1967, <i>Culicoides</i> | 14.34 |
| <i>mortuifolii</i> Saunders, 1959, <i>Forcipomyia</i> | 14.4 |
| <i>multilineata</i> (Lutz), 1914 (<i>Palpomyia</i>), <i>Monohela</i> | 14.41 |
| <i>multipecta</i> Ingram & Macfie, 1931, <i>Forcipomyia</i> | 14.6 |



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|---|-------|
| <i>Nycteromyia</i> Lutz, 1912 | 14.2 |
| <i>Mycterotypus</i> Noé, 1905 | 14.2 |
| <i>nana</i> (Macfie), 1939 (Lasiohelea), <i>Forcipomyia</i> | 14.11 |
| <i>nana</i> Wirth & Blanton, 1970, <i>Bacohoelea</i> | 14.38 |
| <i>nanus</i> Macfie, 1940, <i>Atrichopogon</i> | 14.15 |
| <i>narthekophora</i> Macfie, 1939, <i>Forcipomyia</i> | 14.13 |
| <i>nebulosus</i> Macfie, 1939, <i>Atrichopogon</i> | 14.15 |
| <i>neghmei</i> Vargas, 1955, <i>Culicoides</i> | 14.34 |
| <i>neivai</i> Lane, 1944, <i>Clinohoelea</i> | 14.47 |
| <i>nemoralis</i> (Macfie), 1940 (<i>Johannsenomyia</i>), <i>Mallochohelea</i> | 14.49 |
| <i>Neobezzia</i> Wirth & Ratanaworabhan, 1972 | 14.49 |
| <i>Neoforcipomyia</i> Tokunaga, 1959 | 14.12 |
| <i>neopulicaris</i> Wirth, 1955, <i>Culicoides</i> | 14.21 |
| <i>Neostilobezzia</i> Goetghebuer, 1934 | 14.43 |
| <i>neotropica</i> (Macfie), 1940 (<i>Bezzia</i>), <i>Nilobezzia</i> | 14.50 |
| <i>neotropicalis</i> (Lane), 1948 (<i>Macropeza</i>), <i>Paryphoconus</i> | 14.51 |
| <i>Neurohelea</i> Kieffer, 1925 | 14.48 |
| <i>niger</i> Lane, 1948, <i>Stenoxenus</i> | 14.52 |
| <i>nigerrima</i> Ingram & Macfie, 1931, <i>Stilobezzia</i> | 14.43 |
| <i>nigra</i> Kieffer, 1917, <i>Heteromyia</i> | 14.47 |
| <i>nigrescens</i> Macfie, 1939, <i>Forcipomyia</i> | 14.4 |
| <i>nigrigenus</i> Wirth & Blanton, 1956, <i>Culicoides</i> | 14.20 |
| <i>nigripes</i> Macfie, 1939, <i>Clinohoelea</i> | 14.47 |
| <i>nigripes</i> (Macfie), 1939 (<i>Johannsenomyia</i>), <i>Mallochohelea</i> | 14.49 |
| <i>nigripes</i> Macfie, 1939, <i>Paryphoconus</i> | 14.51 |
| <i>nigroflava</i> Lane, 1947, <i>Palpomyia</i> | 14.55 |
| <i>nigroflava</i> Lane & Forattini, 1958, <i>Stilobezzia</i> | 14.45 |
| <i>nigroscutellata</i> Lane, 1947, <i>Palpomyia</i> | 14.55 |
| <i>Nilobezzia</i> Kieffer, 1921 | 14.50 |
| <i>nodosa</i> Saunders, 1959, <i>Forcipomyia</i> | 14.11 |
| <i>novaetuntoniae</i> Macfie, 1939, <i>Atrichopogon</i> | 14.15 |
| <i>nubeculosus</i> Macfie, 1949, <i>Atrichopogon</i> | 14.15 |
| <i>nubifer</i> Macfie, 1939, <i>Paryphoconus</i> | 14.51 |
| <i>nuncupata</i> Macfie, 1949, <i>Forcipomyia</i> | 14.6 |
| <i>obesa</i> Lima, 1928, <i>Forcipomyia</i> | 14.9 |
| <i>obfuscatus</i> Ingram & Macfie, 1931, <i>Atrichopogon</i> | 14.15 |
| <i>obnoxius</i> Fox, 1952, <i>Culicoides</i> | 14.34 |
| <i>obnubilus</i> Ingram & Macfie, 1931, <i>Atrichopogon</i> | 14.15 |
| <i>obscura</i> Lane & Forattini, 1958, <i>Stilobezzia</i> | 14.45 |
| <i>obscurus</i> Ewen, 1958, <i>Atrichopogon</i> | 14.15 |
| <i>occidentalis</i> Wirth & Jones, 1957, <i>Culicoides</i> | 14.27 |
| <i>ocumare</i> Ortiz, 1952, <i>Monohoelea</i> | 14.41 |
| <i>ocumarensis</i> Ortiz, 1950, <i>Culicoides</i> | 14.25 |
| <i>Oecacta</i> Poey, 1851 | 14.27 |
| <i>oedidactyla</i> Ingram & Macfie, 1931, <i>Neurohelea</i> | 14.48 |
| <i>oklahomensis</i> Khalaf, 1952, <i>Culicoides</i> | 14.38 |
| <i>oligarthra</i> Saunders, 1956, <i>Forcipomyia</i> | 14.10 |
| <i>oliveirai</i> Lane, 1947, <i>Palpomyia</i> | 14.55 |
| <i>oliveirai</i> Lane, 1956, <i>Paryphoconus</i> | 14.51 |
| <i>oliveirai</i> (Lane), 1946 (<i>Macfiehelea</i>), <i>Pellucidomyia</i> | 14.48 |
| <i>oliveri</i> Fox & Hoffman, 1944, <i>Culicoides</i> | 14.26 |
| <i>opilionivora</i> (Lane), 1947 (<i>Lasiohelea</i>), <i>Forcipomyia</i> | 14.12 |
| <i>orellana</i> (Roback), 1957 (<i>Palpomyia</i>), <i>Heteromyia</i> | 14.47 |
| <i>orjuelai</i> Wirth & Lee, 1967, <i>Culicoides</i> | 14.20 |
| <i>ornata</i> Lane & Forattini, 1958, <i>Stilobezzia</i> | 14.43 |



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| ornata Wirth, 1953, <i>Monohalea</i> | 14.41 |
| ornaticrus Ingram & Macfie, 1931, <i>Stilobezzia</i> | 14.43 |
| ornatipennis Macfie, 1940, <i>Echinohelea</i> | 14.39 |
| ornatipennis Macfie, 1939, <i>Forcipomyia</i> | 14.6 |
| ortizi Fox, 1952, <i>Culicoides</i> | 14.36 |
| ousairani Khalaf, 1952, <i>Culicoides</i> | 14.38 |
| <i>pachygnemus</i> Macfie, 1953, <i>Atrichopogon</i> | 14.15 |
| <i>Pachyhelea</i> Wirth, 1959 | 14.53 |
| <i>Pachyleptus</i> Walker, 1856 | 14.47 |
| <i>pachymera</i> (Williston), 1900 (<i>Ceratopogon</i>), <i>Pachyhelea</i> | 14.53 |
| <i>pachymerus</i> Lutz, 1914, <i>Culicoides</i> | 14.34 |
| <i>pachymerus</i> , authors, <i>Culicoides</i> | 14.38 |
| <i>painteri</i> Fox, 1946, <i>Culicoides</i> | 14.29 |
| <i>pallescens</i> Lane & Forattini, 1958, <i>Stilobezzia</i> | 14.25 |
| <i>pallidipes</i> Kieffer, 1917, <i>Atrichopogon</i> | 14.45 |
| <i>palpalis</i> Macfie, 1939, <i>Atrichopogon</i> | 14.15 |
| <i>palpalis</i> Macfie, 1948, <i>Culicoides</i> | 14.15 |
| <i>Palpomyia</i> Meigen, 1818 | 14.26 |
| <i>Palpomyiini</i> | 14.53 |
| <i>pampana</i> Lane, 1960, <i>Palpomyia</i> | 14.52 |
| <i>pampoikilus</i> Macfie, 1948, <i>Culicoides</i> | 14.55 |
| <i>panamensis</i> Barbosa, 1947, <i>Culicoides</i> | 14.34 |
| <i>panamensis</i> Lane & Forattini, 1958, <i>Stilobezzia</i> | 14.23 |
| <i>panamensis</i> Lane & Wirth, 1964, <i>Monohalea</i> | 14.45 |
| <i>panamensis</i> Wirth, 1965, <i>Parabozzia</i> | 14.41 |
| <i>panamericanus</i> Fox, 1947, <i>Culicoides</i> | 14.42 |
| <i>Parabozzia</i> Malloch, 1915 | 14.27 |
| <i>paracincta</i> Wirth, 1969, <i>Dasyhelea</i> | 14.42 |
| <i>Paradasyhelea</i> Macfie, 1940 | 14.17 |
| <i>paraensis</i> (Goeldi), 1805 (<i>Haematomyidium</i>), <i>Culicoides</i> | 14.18 |
| <i>paraensis</i> Lane, 1956, <i>Stenoxenus</i> | 14.34 |
| <i>paraensis</i> (Lane), 1958 (<i>Bezzia</i>), <i>Nilobezzia</i> | 14.52 |
| <i>paraensis</i> Lane, 1960, <i>Palpomyia</i> | 14.50 |
| <i>paraensis</i> Wirth & Blanton, 1970, <i>Brachypogon</i> | 14.55 |
| <i>parahybae</i> Macfie, 1940, <i>Dasyhelea</i> | 14.39 |
| <i>Parastilobezzia</i> Wirth & Blanton, 1970 | 14.17 |
| <i>Paryphoconus</i> Enderlein, 1912 | 14.42 |
| <i>patagonica</i> Ingram & Macfie, 1931, <i>Dasyhelea</i> | 14.50 |
| <i>patagonica</i> Ingram & Macfie, 1931, <i>Forcipomyia</i> | 14.17 |
| <i>patagonica</i> Ingram & Macfie, 1931, <i>Palpomyia</i> | 14.5 |
| <i>patagonica</i> Ingram & Macfie, 1931, <i>Stilobezzia</i> | 14.55 |
| <i>patulipalpis</i> Wirth & Blanton, 1959, <i>Culicoides</i> | 14.43 |
| <i>paucienfuscatus</i> Barbosa, 1947, <i>Culicoides</i> | 14.34 |
| <i>paulistana</i> Forattini & Rabello, 1957, <i>Dasyhelea</i> | 14.34 |
| <i>paulistensis</i> Lane, 1947, <i>Palpomyia</i> | 14.17 |
| <i>paulistensis</i> Lane, 1961, <i>Paryphoconus</i> | 14.55 |
| <i>paulistensis</i> Lane, 1947, <i>Stilobezzia</i> | 14.51 |
| <i>pectinatus</i> Macfie, 1939, <i>Atrichopogon</i> | 14.45 |
| <i>pellucida</i> (Ingram & Macfie), 1931 (<i>Diaphanobezzia</i>), <i>Parabozzia</i> | 14.42 |
| <i>Pellucidomyia</i> Macfie, 1939 | 14.48 |
| <i>pentalineata</i> Wirth & Hubert, 1960, <i>Dasyhelea</i> | 14.17 |
| <i>penthesileae</i> Macfie, 1935, <i>Dasyhelea</i> | 14.17 |
| <i>penultima</i> Wirth, 1972, <i>Forcipomyia</i> | 14.9 |
| <i>peruvianus</i> Kieffer, 1917, <i>Atrichopogon</i> | 14.15 |
| <i>petiolata</i> , authors, <i>Parabozzia</i> | 14.42 |
| <i>petrocchiae</i> Shannon & Del Ponte, 1927, <i>Leptoconops</i> | 14.3 |



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|---|-------|
| phaconotus Wirth & Blanton, 1959, Culicoides | 14.35 |
| <i>Phasmidohelea</i> Mayer, 1937 | 14.8 |
| philotherma Macfie, 1953, Dasyhelea | 14.17 |
| phlebotomus (Williston), 1896 (Ceratopogon), Culicoides | 14.26 |
| Phytohelea Remm, 1971 | 14.9 |
| piceiventris Kieffer, 1917, Atrichopogon | 14.15 |
| <i>pictipennis</i> Philippi, 1865 (Psychophaena), Culicoides | 14.36 |
| pictoni Macfie, 1938, Forcipomyia | 14.6 |
| <i>pictus</i> Coquillett, 1905 (Ceratopogon), Stilobezzia | 14.44 |
| pifanoi Ortiz, 1951, Culicoides | 14.35 |
| <i>pilosior</i> Macfie, 1939, Atrichopogon | 14.14 |
| pilosus Wirth & Blanton, 1959, Culicoides | 14.23 |
| piroskyi Cavalieri, 1962, Forcipomyia | 14.6 |
| platensis (Brèthes), 1915, (Euprojoannisia), Forcipomyia | 14.6 |
| pluvialis Malloch, 1923, Forcipomyia | 14.7 |
| poikilonotus Macfie, 1948, Culicoides | 14.23 |
| polypori Wirth & Blanton, 1968, Culicoides | 14.26 |
| polystictus Kieffer, 1921, Culicoides | 14.38 |
| poncai Lane & Wirth, 1964, Monohelea | 14.41 |
| popayanensis Wirth & Lee, 1967, Culicoides | 14.20 |
| poulaineae Ingram & Macfie, 1931, Forcipomyia | 14.6 |
| <i>Proforcipomyia</i> Saunders, 1956 | 14.4 |
| <i>propinqua</i> (Williston), 1896 (Ceratopogon), Forcipomyia | 14.5 |
| propinquus Macfie, 1948, Culicoides | 14.35 |
| propriipennis Macfie, 1948, Culicoides | 14.35 |
| <i>Protersesthes</i> Kieffer, 1921 | 14.2 |
| <i>Pseudoculicoides</i> Malloch, 1915 | 14.16 |
| pseudodiabolicus Fox, 1946, Culicoides | 14.26 |
| <i>Psychophaena</i> Philippi, 1865 | 14.27 |
| Pterobosca Macfie, 1932 | 14.10 |
| pulchripennis Macfie, 1939, Culicoides | 14.35 |
| pulchripes Kieffer, 1917, Bezzia | 14.53 |
| pullata (Wirth), 1952 (Johannsenomyia), Mallochohelea | 14.49 |
| pumila Macfie, 1939, Dasyhelea | 14.18 |
| punctipennis (Williston), 1896 (Ceratopogon), Bezzia | 14.53 |
| punctipes Wirth, 1953, Stilobezzia | 14.45 |
| punctulata Lane, 1947, Stilobezzia | 14.45 |
| <i>punctumalbum</i> , authors, Forcipomyia | 14.6 |
| puracensis Wirth & Lee, 1967, Culicoides | 14.20 |
| puracensis Wirth & Dow, 1972, Forcipomyia | 14.11 |
| pusilla (Lutz), 1913 (Centrorhynchus), Dasyhelea | 14.18 |
| pusilloides Wirth & Blanton, 1955, Culicoides | 14.20 |
| pusillus Lutz, 1913, Culicoides | 14.21 |
| pygmaea (Williston), 1896 (Ceratopogon), Dasyhelea | 14.18 |
| pyrsonota Macfie, 1953, Dasyhelea | 14.18 |
| quasicornuta Saunders, 1964, Forcipomyia | 14.7 |
| quasilingrami Macfie, 1939, Forcipomyia | 14.4 |
| quasiparaensis Clastrier, 1931, Culicoides | 14.35 |
| rabelloi Lane, 1947, Stilobezzia | 14.46 |
| <i>raleighi</i> Macfie, 1938, Forcipomyia | 14.5 |
| rangeli Ortiz & Mirsa, 1952, Culicoides | 14.35 |
| rava Ingram & Macfie, 1931, Stilobezzia | 14.43 |
| <i>recifei</i> Barbosa, 1947, Culicoides | 14.25 |
| <i>recifensis</i> Barbosa, 1943, Culicoides | 14.32 |
| remigatus Ewen, 1958, Atrichopogon | 14.15 |



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| reticulatus Lutz, 1913, Culicoides | 14.35 |
| reynoldsi Ingram & Macfie, 1931, Dasyhelea | 14.18 |
| Rhynchoforcipomyia Wirth & Dow, 1972 | 14.10 |
| richardsi Macfie, 1940, Echinohelea | 14.39 |
| rodriguezi Ortiz, 1968, Culicoides | 14.35 |
| rostratus Wirth & Blanton, 1956, Culicoides | 14.20 |
| rozeboomi Barbosa, 1947, Culicoides | 14.25 |
| rubriceps Kieffer, 1917, Clinohela | 14.47 |
| rufa Kieffer, 1917, Heteromyia | 14.48 |
| ruizi Forattini, 1954, Culicoides | 14.26 |
| rusticus Macfie, 1939, Atrichopogon | 14.16 |
| ryckmani Wirth & Hubert, 1960, Culicoides | 14.23 |
| | |
| saltanensis Lane & Duret, 1954, Clinohela | 14.47 |
| saltensis (Cavaliere), 1962 (Lasiohelea), Forcipomyia | 14.7 |
| sanctaeclarae Macfie, 1949, Atrichopogon | 14.16 |
| sanctaeclarae Wirth, 1952, Forcipomyia | 14.11 |
| sanctaemarthae Kieffer, 1917 (Culicoides), Dasyhelea | 14.18 |
| sanctibernardini Kieffer, 1917, Stilobezzia | 14.43 |
| sanctilaurentii Kieffer, 1917, Atrichopogon | 14.16 |
| saundersi Ewen, 1958, Atrichopogon | 14.16 |
| scabra (Coquillett), 1905 (Ceratopogon), Palpomyia | 14.55 |
| schwarzii (Coquillett), 1901 (Ceratopogon), Nilobezzia | 14.50 |
| scissurae Macfie, 1937, Dasyhelea | 14.18 |
| scopus Root & Hoffman, 1937, Culicoides | 14.23 |
| scorzi Ortiz, 1956, Culicoides | 14.38 |
| scutata Lane & Forattini, 1958, Stilobezzia | 14.46 |
| Selfia Khalaf, 1954 | 14.36 |
| sentior Ingram & Macfie, 1931, Palpomyia | 14.55 |
| sequax (Williston), 1896 (Ceratopogon), Atrichopogon | 14.16 |
| setifer Lutz, 1913 (Centrorhynchus), Culicoides | 14.29 |
| setiger Macfie, 1939, Stenoxenus | 14.52 |
| setigera Saunders, 1959, Forcipomyia | 14.4 |
| setosa Wirth, 1965, Macrurhelea | 14.40 |
| setosierus (Kieffer), 1906 (Ceratopogon), Forcipomyia | 14.6 |
| setulosa (Loew), 1861 (Ceratopogon), Bezzia | 14.53 |
| sexvittata Wirth, 1956, Forcipomyia | 14.6 |
| shannoni Ingram & Macfie, 1931, Dasyhelea | 14.18 |
| shannoni (Ingram & Macfie), 1931 (Lasiohelea), Forcipomyia | 14.12 |
| shannoni Wirth & Blanton, 1972, Monohela | 14.40 |
| silvicola Macfie, 1940, Stilobezzia | 14.46 |
| similans Lane & Forattini, 1956, Stilobezzia | 14.46 |
| simplex Lane & Forattini, 1958, Stilobezzia | 14.46 |
| sinuosa Dow & Wirth, 1972, Forcipomyia | 14.11 |
| sitiens Wirth & Hubert, 1960, Culicoides | 14.23 |
| smartii Macfie, 1950, Echinohelea | 14.39 |
| snowi Lane, 1958, Bezzia | 14.53 |
| sonorensis Wirth & Jones, 1957, Culicoides | 14.27 |
| sonorensis Wirth & Ratanaworabhan, 1972, Paryphoconus | 14.51 |
| sordidipes Macfie, 1939, Palpomyia | 14.55 |
| sp. 2, Fox, Culicoides | 14.22 |
| sp. 3, Fox, Culicoides | 14.25 |
| spangleri Wirth, 1965, Parabezzia | 14.42 |
| spathicercus Wirth, 1969, Dasyhelea | 14.18 |
| spatulifera Saunders, 1956, Forcipomyia | 14.4 |
| spatuligera Macfie, 1949, Forcipomyia | 14.6 |
| Sphaeromiini | 14.48 |

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| spinifemur (Lane), 1948 (<i>Dicrobezzia</i>), <i>Palpomyia</i> | 14.55 |
| spinifemur Wirth & Blanton, 1972, <i>Lanehelea</i> | 14.49 |
| spinosa Lutz, 1914, <i>Palpomyia</i> | 14.55 |
| spinosa Saunders, 1956, <i>Forcipomyia</i> | 14.13 |
| spurius Wirth & Blanton, 1959, <i>Culicoides</i> | 14.35 |
| squamithorax Clastrier, 1972, <i>Forcipomyia</i> | 14.6 |
| squamitibia Lutz, 1914, <i>Forcipomyia</i> | 14.6 |
| squamosa Lutz, 1914, <i>Forcipomyia</i> | 14.9 |
| <i>squamosa</i> , authors, <i>Forcipomyia</i> | 14.5 |
| <i>stellifer</i> , authors, <i>Culicoides</i> | 14.32 |
| <i>Stenoxenini</i> | 14.50 |
| <i>Stenoxenus</i> Coquillett, 1899 | 14.51 |
| stigmalis Wirth, 1952, <i>Culicoides</i> | 14.38 |
| Stilobezzia Kieffer, 1911 | 14.42, 14.44 |
| Stilobezziini | 14.39 |
| stonei Wirth, 1953, <i>Monohalea</i> | 14.41 |
| <i>stubaensis</i> Fox, 1946, <i>Culicoides</i> | 14.32 |
| stylifera (Lutz), 1913 (<i>Centrorhynchus</i>), <i>Forcipomyia</i> | 14.7 |
| subflavus Macfie, 1940, <i>Paryphoconus</i> | 14.51 |
| subfusca Macfie, 1939, <i>Bezzia</i> | 14.53 |
| subfuscula Ingram & Macfie, 1931, <i>Palpomyia</i> | 14.55 |
| subsessilis Kieffer, 1917, <i>Stilobezzia</i> | 14.43 |
| succinea Ingram & Macfie, 1931, <i>Stilobezzia</i> | 14.43 |
| <i>Synthyridomyia</i> Saunders, 1956 | 14.11 |
| taeniatus Macfie, 1939, <i>Atrichopogon</i> | 14.16 |
| tamboensis Wirth & Lee, 1967, <i>Culicoides</i> | 14.35 |
| tamoioi Lane, 1960, <i>Palpomyia</i> | 14.55 |
| telmatophila Macfie, 1940, <i>Bezzia</i> | 14.53 |
| tenuicrus Kieffer, 1917, <i>Palpomyia</i> | 14.55 |
| tenuiforceps Macfie, 1939, <i>Forcipomyia</i> | 14.11 |
| tenuilobus Wirth & Blanton, 1959, <i>Culicoides</i> | 14.35 |
| tenuisquamipes Wirth, 1952, <i>Forcipomyia</i> | 14.6 |
| terminalis (Coquillett), 1904, <i>Paryphoconus</i> | 14.51 |
| terrestris Saunders, 1964, <i>Forcipomyia</i> | 14.13 |
| <i>Tersesthes</i> Townsend, 1893 | 14.2 |
| <i>Tetraphora</i> Philippi, 1865 | 14.3 |
| tetrathyris Wirth & Blanton, 1959, <i>Culicoides</i> | 14.36 |
| thalestris Macfie, 1935, <i>Dasyhelea</i> | 14.18 |
| thersites (Williston), 1896 (<i>Ceratopogon</i>), <i>Atrichopogon</i> | 14.16 |
| <i>thirsistes</i> , error | 14.16 |
| thoracica Ingram & Macfie, 1931, <i>Macrurhelea</i> | 14.40 |
| Thyridomyia Saunders, 1925 | 14.11 |
| tibialis Lanc & Forattini, 1956, <i>Stilobezzia</i> | 14.44 |
| torridus Wirth & Hubert, 1960, <i>Culicoides</i> | 14.23 |
| townesi Lane, 1944, <i>Clinohalea</i> | 14.47 |
| townsendi Knab, 1915, <i>Forcipomyia</i> | 14.6 |
| townsendi Lane, 1944, <i>Clinohalea</i> | 14.47 |
| transferrans Ortiz, 1953, <i>Culicoides</i> | 14.36 |
| transversa Lane & Forattini, 1958, <i>Stilobezzia</i> | 14.46 |
| travassosi Forattini, 1957, <i>Culicoides</i> | 14.26 |
| travassosi Lane, 1956, <i>Paryphoconus</i> | 14.51 |
| travassosi Lane, 1947, <i>Stilobezzia</i> | 14.46 |
| <i>Trichohalea</i> , authors | 14.9 |
| Trichohalea Goetghebuer, 1920 | 14.12 |
| <i>tricoloratus</i> Wirth & Blanton, 1953, <i>Culicoides</i> | 14.35 |
| trilineatus Fox, 1946, <i>Culicoides</i> | 14.36 |



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| trinidadensis Hoffman, 1925, Culicoides | 14.26 |
| trinidadensis Macfie, 1937, Atrichopogon | 14.16 |
| trinidadensis Saunders, 1964, Forcipomyia | 14.12 |
| <i>tristriatulus</i> , authors, Culicoides | 14.21 |
| <i>tropicus</i> Kieffer, 1917 (Ceratopogon), Forcipomyia | 14.8 |
| tuberculata Saunders, 1956, Forcipomyia | 14.13 |
| tuberculatus Ewen, 1948, Atrichopogon | 14.16 |
| turgidipes Ingram & Macfie, 1931, Neurohelea | 14.48 |
| umbella Macfie, 1939, Palpomyia | 14.55 |
| umbratilis Macfie, 1935, Atrichopogon | 14.16 |
| <i>undecimpunctatus</i> Kieffer, 1917, Culicoides | 14.34 |
| unguis Wirth, 1965, Parabezzia | 14.42 |
| unimaculatus Macfie, 1940, Paryphoconus | 14.51 |
| uniradialis Wirth & Blanton, 1953, Culicoides | 14.36 |
| univesicula Macfie, 1939, Forcipomyia | 14.11 |
| urraeaisi Lanc & Wirth, 1964, Monohchelea | 14.41 |
| uruguayensis (Cordero), 1929 (Lophomyidium), Atrichopogon | 14.16 |
| utae Knab, 1915, Forcipomyia | 14.6 |
| utricularius Macfie, 1953, Atrichopogon | 14.16 |
| <i>vargasi</i> Wirth & Blanton, 1953, Culicoides | 14.22 |
| varia Ingram & Macfie, 1931, Stilobezzia | 14.44 |
| varicolor Saunders, 1956, Forcipomyia | 14.4 |
| variipennis (Coquillett), 1901 (Ceratopogon), Culicoides | 14.27 |
| <i>variipennis</i> , authors, Culicoides | 14.37 |
| variipennis Wirth & Williams, 1957, Forcipomyia | 14.6 |
| venezuelensis Ortiz, 1952, Leptoconops | 14.3 |
| venezuelensis Ortiz, 1950, Stilobezzia | 14.46 |
| venezuelensis Ortiz & Mirsa, 1950, Culicoides | 14.36 |
| venustula (Williston), 1896 (Ceratopogon), Bezzia | 14.53 |
| verecundus Macfie, 1948, Culicoides | 14.26 |
| versicolor Macfie, 1939, Palpomyia | 14.55 |
| villosipes (Kieffer), 1917 (Culicoides), Dasyhelea | 14.18 |
| viridans Forattini & Rabello, 1957, Dasyhelea | 14.18 |
| <i>wagneri</i> Séguy, 1941 (Phasmidohchelea), Forcipomyia | 14.8 |
| Warmkea Saunders, 1956 | 14.12 |
| warmkei Wirth, 1956, Atrichopogon | 14.16 |
| willistoni Wirth, 1971, Forcipomyia | 14.9 |
| willistoni Wirth & Blanton, 1953, Culicoides | 14.27 |
| wirthi Lane, 1961, Paryphoconus | 14.51 |
| wirthi (Lanc), 1956 (Macfiehelea), Pellucidomyia | 14.48 |
| wirthi Lane & Forattini, 1956, Stilobezzia | 14.46 |
| wirthi Lane, Forattini & Rabello, 1955, Palpomyia | 14.55 |
| wirthomyia Vargas, 1953, Culicoides | 14.23 |
| <i>wokei</i> Barbosa, 1947, Culicoides | 14.26 |
| <i>wokei</i> Fox, 1947, Culicoides | 14.36 |
| woodfordi Macfie, 1938, Atrichopogon | 14.16 |
| wygodzinskyi Cavaliere, 1960, Forcipomyia | 14.6 |
| wygodzinskyi Lane, 1948, Clinohchelea | 14.47 |
| wygodzinskyi Lane, 1946, Paryphoconus | 14.51 |
| wygodzinskyi Lane, 1947, Stilobezzia | 14.46 |
| xanifer Wirth & Blanton, 1968, Culicoides | 14.26 |
| <i>yukonensis</i> , authors, Culicoides | 14.21 |
| zetcki Wirth & Dow, 1972, Forcipomyia | 14.11 |
| zonogaster Ingram & Macfie, 1931, Forcipomyia | 14.6 |



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DEPARTAMENTO DE ZOOLOGIA, SECRETARIA DA AGRICULTURA, SÃO PAULO

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

16

FAMILY SIMULIIDAE

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Adult simuliids are commonly known as *jejenes*, *mosquitos negritos*, *alazanes*, etc. (Spanish-speaking countries), and *piuns* or *borrachudos* (Brazil). Their biology is not yet sufficiently known in the Neotropical region, and many obscure points are awaiting a more thorough study. The females, after a blood-meal, search for an appropriate place for oviposition, usually in quiet places of rivers and streams. The larvae need well-aerated running waters and are apneustic, although they show non-functional respiratory stigmata in the thorax and in each abdominal segment. Pupae are usually enclosed in silken cocoons spun by the last-instar larvae, but some instances exist of free pupae. Only adult females are hematophagous, being strictly diurnal in habit.

As these flies are vectors of several diseases (e.g., onchocerciasis, *Leucocytozoon* infections), and due to their immense numbers, being a plague to man and domestic animals, several studies from the public health viewpoint were undertaken in several countries.

Some 15 genera and more than 1,000 species exist in the world; the Neotropical region contributes to that amount with 235 species, distributed in 5 genera.

Genus AUSTROSIMULIUM Tonnoir

AUSTROSIMULIUM Tonnoir, 1925:230. Type-species, *Simulium australense* Schiner (orig. des.).

Subgenus PARAUSTROSIMULIUM Wygodzinsky & Coscarón

Austrosimulium, subg. PARAUSTROSIMULIUM Wygodzinsky & Coscarón, 1962:244. Type-species, *Simulium anthracinum* Bigot (mon.).

ANTHRACINUM (Bigot), 1888:15 (*Simulium*). Type-locality: Argentina, Tierra del Fuego, Orange Bay. Distr. — Chile (Aysén, Magallanes, Chiloé I.), Argentina (Rio Negro, Tierra del Fuego). Ref. — Wygodzinsky & Coscarón, 1962:242, figs. 1-2, 3a, 3l-o, 4a-l, 4l-o.

moorei Silva Figueroa, 1917:30, pl. 1, figs. 16-18 (*Simulia*). Type-locality: Chile, Aysén, Península Taitao.

16.1

Genus CNEPHIA Enderlein

- CNEPHIA Enderlein, 1921a:199. Type-species, *Simulium pecuarum* Riley (orig. des.).
- AGUIRREI (Dalmat), 1949:544, figs. 10-18 (*Simulium*). Type-locality: Guatemala, Acatenango, Río San Diego, Finca San Diego. Distr. — Mexico (Chiapas), Guatemala (Chimaltenango, Acatenango). Refs. — Dalmat, 1951:48; Vargas & Díaz Nájera, 1952:53, 4 figs.
- ATROPARVA (Edwards), 1931:148, fig. 13f (*Simulium*). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Neuquén), Chile. Ref. — Vargas & Díaz Nájera, 1951:165, figs. 56-58.
- ATZOMPENSIS Díaz Nájera, 1962:273, pl. 2, figs. 6-10. Type-locality: Mexico, Morelos, Cañada de Atzompa. Distr. — Mexico (Morelos).
- DISSIMILIS (Edwards), 1931:145, figs. 8a, 10g, 12f, 13e (*Simulium*). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Neuquén), Chile (Llanquihue). Ref. — Coscarón & Wygodzinsky, 1962:310, figs. 126-184.
- GRENIERI Vargas & Díaz Nájera, 1948b:325, figs. 12-24. Type-locality: Mexico, Veracruz, Tlanepaquila, 1500 m. Distr. — Mexico (Veracruz, Oaxaca).
- GYNANDRA (Edwards), 1931:147 (*Simulium*). Type-locality: Argentina, Río Negro, L. Correntoso. Distr. — Argentina (Río Negro, Neuquén). Ref. — Vargas & Díaz Nájera, 1951:166, figs. 59-65.
- MIXENSIS Díaz Nájera, 1962:274, pl. 4, figs. 16-20. Type-locality: Mexico, Oaxaca, Totontepec Mixe. Distr. — Mexico (Oaxaca).
- MONTANA (Philippi), 1865:633 (*Simulium*). Type-locality: Chile, Chacabuco, Catemú. Distr. — Chile.
- PACHECOLUNAI (León), 1945:67, fig. 3 (*Simulium*; as *pacheco-lunai*). Type-locality: Guatemala, Sololá, Totonicapán, Cumbre María Tecún. Distr. — Mexico (Chiapas), Guatemala (Sololá, Totonicapán, Chimaltenango, El Quiché). Ref. — Vargas & Díaz Nájera, 1954:67, figs. 17-30.
- ROBLESI (León), 1943-97, fig. 1 (*Simulium*). Type-locality: Guatemala, between Sololá and Totonicapán, María Tecún. Distr. — Guatemala (San Marcos, Quezaltenango, Huehuetenango, Sololá, Totonicapán). Ref. — Vargas & Díaz Nájera, 1954:64, figs. 40-54.

Genus GIGANTODAX Enderlein

- GIGANTODAX Enderlein, 1925:205. Type-species, *bolivianum* Enderlein (orig. des.).
- ABALOSI Wygodzinsky, 1958:143, figs. 109-141. Type-locality: Peru, Chacamasa, 2100 m. Distr. — Peru.
- ANTARCTICUM (Bigot), 1888:15 (*Simulium*). Type-locality: Argentina, Tierra del Fuego, Orange Bay. Distr. — Argentina (Neuquén, Río Negro, Tierra del Fuego), Chile (Magallanes). Refs. — Edwards, 1931:132, figs. 12b, 12g; Smart, 1945:499.
- AQUAMARENSE (León), 1945:72, figs. 10-11 (*Simulium*). Type-locality: Guatemala, Cuenca Agua Amarga, 1800 m. Distr. — Guatemala (Que-



- zaltenango). Ref. — Dalmat, 1955:102, figs. 10-12, 127, 129, 279, 319, 359, 396.
- ARAUCANUM (Edwards), 1931:142, fig. 13d (*Simulium*). Type-locality: Chile, [Llanquihue, Chiloe I.], Ancud. Distr. — Chile (Llanquihue, Chiloe I.), Argentina (Rio Negro, Neuquén). Ref. — Vargas & Diaz Nájera, 1951:155, figs. 31-36.
- BOLIVIANUM Enderlein, 1925:205. Type-locality: Bolivia, Cuesta de Cillunticara, 3500 m. Distr. — Peru, Bolivia. Ref. — Wygodzinsky, 1958:140, figs. 87-108.
- BONORINORUM Coscarón & Wygodzinsky, 1962:284, figs. 1-53 (as *bonorinum*). Type-locality: Argentina, Tierra del Fuego, Ushuaia. Distr. — Argentina (Tierra del Fuego).
- BROPHYI (Edwards), 1931:133, figs. 10c, 10d, 13b (*Simulium*). Type-locality: Argentina, Rio Negro, L. Nahuel Huapi, eastern end. Distr. — Argentina (Rio Negro, Neuquén). Ref. — Vargas & Diaz Nájera, 1951:156, figs. 37-39.
- CHILENSE (Philippi), 1865:634 (*Simulium*). Type-locality: Chile, Valdivia. Distr. — Chile (Valdivia, Llanquihue, Chiloe I.), Argentina (Rio Negro, Neuquén). Ref. — Edwards, 1931:139, fig. 12d.
- FEMINEUM (Edwards), 1931:135, figs. 7b, 11a-b, 12c, 12e, 12h (*Simulium*). Type-locality: Argentina, Rio Negro, L. Gutierrez. Distr. — Chile (Llanquihue, Chiloe I.), Argentina (Rio Negro, Neuquén).
- FULVESCENS (Blanchard) in Gay, 1852:353 (*Simulium*). Type-locality: Chile, Coquimbo. Distr. — Chile (Chiloe I., Concepción, Llanquihue, Coquimbo), Argentina (Rio Negro, Neuquén). Ref. — Edwards, 1931:137, figs. 10f, 12a.
- HORCOTIANI Wygodzinsky, 1949b:326, pls. 1-3. Type-locality: Argentina, Tucumán, Tafi del Valle. Distr. — Argentina (Tucumán). Ref. — Wygodzinsky, 1951a:199, figs. 1-26.
- IGNICULUM Coscarón & Wygodzinsky, 1962:296, figs. 71-107. Type-locality: Argentina, Tierra del Fuego, Ushuaia. Distr. — Argentina (Tierra del Fuego).
- KUSCHELI Wygodzinsky, 1952:81, figs. 1-23. Type-locality: Chile, Juan Fernandez Is., Masafuera, Quebrada de las Casas. Distr. — Juan Fernandez Is. Ref. — Coscarón & Wygodzinsky, 1962:308, figs. 112-125.
- MARGINALE (Edwards), 1931:140, fig. 13c (*Simulium*). Type-locality: Chile, [Llanquihue, Chiloe I.], Ancud. Distr. — Chile (Llanquihue, Chiloe I.), Argentina (Rio Negro, Neuquén). Ref. — Vargas & Diaz Nájera, 1951:160, figs. 44-47.
- NIGRESCENS (Edwards), 1931:133, fig. 13a (*Simulium*). Type-locality: Argentina, Rio Negro, L. Gutierrez. Distr. — Argentina (Rio Negro, Neuquén). Ref. — Vargas & Diaz Nájera, 1951:161.
- PENNIPUNCTUM Enderlein, 1933:274. Type-locality: Peru, Cuzco. Distr. — Peru (Cuzco).
- RUFESCENS (Edwards), 1931:134, figs. 10a-b (*Simulium*). Type-locality: Argentina, Rio Negro, L. Gutierrez. Distr. — Argentina (Rio Negro, Neuquén), Chile.
- RUFINOTUM (Edwards), 1931:140, fig. 10e (*Simulium*). Type-locality: Argentina, Rio Negro, L. Gutierrez. Distr. — Argentina (Rio Negro, Neuquén), Chile (Llanquihue, Chiloe I.). Ref. — Vargas & Diaz Nájera, 1951:162, figs. 48-50.



- SHANNONI (Edwards), 1931:137 (*Simulium*). Type-locality: Argentina, Rio Negro, L. Correntoso. Distr. — Argentina (Rio Negro, Neuquén).
- WITTMER Wygodzinsky, 1951a:202, figs. 27-44. Type-locality: Argentina, Rio Negro, San Carlos de Bariloche, Arroyo de la Cascata, "arriba del Hotel Cerro Catedral". Distr. — Argentina (Rio Negro, Tierra del Fuego). Ref. — Coscarón & Wygodzinsky, 1962:307, figs. 108-111.
- WRIGHT (Vargas, Martínez Palacios & Díaz Nájera), 1944:37, pl. 1, figs. 1-3, pl. 2, figs. 4-7 (*Simulium*). Type-locality: Mexico, D.F., Desierto de los Leones, 3200 m. Distr. — Mexico (D.F., Chiapas, Oaxaca, Veracruz), Guatemala (Chimaltenango, El Quiché, San Marcos, Sololá, Totonicapán, Huehuetenango, Suchitupéquez). Refs. — Vargas, Martínez Palacios & Díaz Nájera, 1946:165, figs. 138, 147; M.A.V. d'Andretta & C. d'Andretta, 1947a:23, 32 figs.
- vargasi* León, 1945:69, figs. 5-6. Type-locality: Guatemala, Totonicapán, Cumbre María Tecún.

Genus LUTZSIMULIUM C. d'Andretta & M. A. V. d'Andretta

- LUTZSIMULIUM C. d'Andretta & M.A.V. d'Andretta, 1947:401 (1948a:668). Type-species, *cruzi* C. d'Andretta & M.A.V. d'Andretta (orig. des.) = *hirticosta* (Lutz). N. SYN.
- HIRTICOSTA (Lutz), 1909:135 (*Simulium*). Type-locality: Brazil, São Paulo, Serra da Bocaina [Faz. do Bonito]. Distr. — Brazil (São Paulo, Rio de Janeiro, Paraná). Ref. — Lutz, 1910:226, fig. 16.
- cruzi* C. d'Andretta & M.A.V. d'Andretta, 1947:401, figs. 1-35 (1948a:668). Type-locality: Brazil, São Paulo, Bragança Paulista. Ref. — C. d'Andretta & M.A.V. d'Andretta, 1948b:639, figs. 1-38. N. SYN.
- PERNIGRUM (Lutz), 1910:263, figs. 19-20 (*Simulium*; nom. nov. for *montanum* of Lutz). Type-locality: Brazil, São Paulo, Serra da Bocaina [Faz. do Bonito]. Distr. — Brazil (Rio de Janeiro, São Paulo). Ref. — M.A.V. d'Andretta & C. d'Andretta, 1952:312, figs. 1-49. N. COMB.
- montanum* Philippi of Lutz, 1909:134 (*Simulium*).

Genus SIMULIUM Latreille

- SIMULIUM Latreille, 1802:426. Type-species, *Rhagio colombaschensis* Fabricius (mon.).
- Melusina*, authors, not Meigen.
- Simulia*, emend.
- Simulium*, subg. *Eusimulium* Roubaud, 1906a:521. Type-species, *aureum* Fries (mon.).
- Chirostilbia* Enderlein, 1921a:199. Type-species, *flavifemur* Enderlein (orig. des.).
- Wilhelmia* Enderlein, 1921a:199. Type-species, *Atractocera lineata* Meigen (orig. des.).

- Friesia* Enderlein, 1922:69 (preocc. McDunnough, 1912). Type-species, *Nevcrmannia tristigata* Enderlein (orig. des.).
- Byssodon* Enderlein, 1925:209. Type-species, *Simulium forbesi* Malloch (orig. des.) = *meridionale* Riley.
- Pternaspatha* Enderlein, 1930:88. Type-species, *nigristrigata* Enderlein (orig. des.).
- Notolepria* Enderlein, 1930:95. Type-species, *Simulium exiguum* Roubaud (orig. des.).
- Dasypelmoza* Enderlein, 1933:375. Type-species, *Simulium varipes* Philippi (orig. des.).
- Acropogon* Enderlein, 1933:276. Type-species, *barbatipes* Enderlein (orig. des.).
- Ectemnaspis* Enderlein, 1933:281. Type-species, *macca* Enderlein (orig. des.) = *bicoloratum* Malloch.
- Psilopelmia* Enderlein, 1933:283. Type-species, *rufidorsum* Enderlein (orig. des.) = *escomeli* Roubaud.
- Thyrsofelma* Enderlein, 1933:284. Type-species, *brasiliensis* Enderlein (orig. des.).
- Trichodagnia* Enderlein, 1933:288. Type-species, *latitarsis* Enderlein (orig. des.) = *chalcocoma* Knab.
- Hemicnetha* Enderlein, 1934:190. Type-species, *mexicana* Enderlein (orig. des.) = *paynei* Vargas.
- Psaroniocompsa* Enderlein, 1934:192. Type-species, *opalinifrons* Enderlein (orig. des.).
- Cryptectemnia* Enderlein, 1936:114. Type-species, *laticox* Enderlein (orig. des.) = *orsovae* Smart.
- Pliodasina* Enderlein, 1936:124. Type-species, *guttata* Enderlein (orig. des.).
- Simulium*, subg. *Hearlea* Rubzov, 1940:116, 126. *Nomen nudum*, type-species as below but not described.
- Simulium*, subg. *Hearlea* Vargas, Martínez Palacios & Díaz Nájera, 1946:104, 106. Type-species, *canadense* Hearle (orig. des.).
- Simulium*, subg. *Neosimulium* Rubzov, 1940:116, 124, 130. *Nomen nudum*, type-species as below but not described.
- Simulium*, subg. *Neosimulium* Vargas, Martínez Palacios & Díaz Nájera, 1946:103, 108. Type-species, *vittatum* Zetterstedt (orig. des.).
- Simulium*, subg. *Lanea* Vargas, Martínez Palacios & Díaz Nájera, 1946:103, 107. Type-species, *haematopotum* Malloch (orig. des.).

Different opinions exist concerning the arrangement of the species of *Simulium* into subgenera, but none so far definite, and for this reason we have not adopted subgeneric divisions, but only listed above the different names proposed as subgenera. Refs. — Vargas, 1945c (morphol., biol., anat., catal.); Vargas & Díaz Nájera, 1957b (rev., Mexican species); Stone, 1963 (annotated list of genus-group names).

ADOLFOLUTZI Wygodzinsky, 1951c:234, figs. 1-5, 50, 52, 98-103. Type-locality: Argentina, Tucumán, Raco, 800 m. Distr. — Argentina (Salta,



- Tucumán, Catamarca).
- ALBICINCTUM (Enderlein), 1933:277 (*Acropogon*). Type-locality: "Upper Peru". Distr. — Peru.
- ALBILINEATUM (Enderlein), 1936:115 (*Pternaspatha*). Type-locality: Peru, Callanga. Distr. — Peru.
- ALBOPICTUM Lane & Porto, 1940:193. Type-locality: Brazil, Paraná, Cambará. Distr. — Brazil (Paraná). Ref. — Lane & Vulcano, 1943:438, fig. 21.
- ALTICOLUM (Dyar & Shannon), 1927:24, pl. 4, fig. 47 (*Eusimulium*). Type-locality: Mexico, Chihuahua, Sierra Madre, Río Piedras Verdes. Distr. — Mexico (Chihuahua).
- AMAZONICUM Goeldi, 1905:138. Type-locality: Brazil, Amazonas, Tefé, Purus, and Acre. Distr. — Puerto Rico, Venezuela, British Guiana, Ecuador, Peru, Brazil (Amazonas and Acre, south to São Paulo), Paraguay. Refs. — Smart, 1942:46, fig. 1; Briceño-Iragorry, Vargas & Díaz Nájera, 1953:243, 1 pl.
- exiguum* Roubaud of Lutz, 1910:234, 266.
- minusculum* Lutz, 1910:253, figs. 31-32, 34. Type-locality: Brazil, Minas Gerais, Lassance.
- minutum* Surcouf & González Rincones, 1911:290 (nom. nov. for *exiguum* of Lutz; preocc. Lugger, 1897).
- nitidum* Malloch, 1912:652. Type-locality: Peru, Huancabamba.
- lutzi* Knab, 1913:154 (nom. nov. for *minutum* Surcouf & González Rincones).
- lutzi* Malloch, 1914:14 (nom. nov. for *minutum* Surcouf & González Rincones; preocc. Knab, 1913).
- ANAMARIAE Vulcano, 1962:246, figs. 1-55, 59 (as *ana-mariae*). Type-locality: Brazil, São Paulo, Serra da Bocaina, Fazenda do Bonito. Distr. — Brazil (Rio de Janeiro, Guanabara, São Paulo).
- ANDUZEI Vargas & Díaz Nájera, 1948b:328, figs. 25-31. Type-locality: Mexico, Veracruz, Jalacingo, 1980 m. Distr. — Mexico (D.F., Veracruz, Oaxaca). Ref. — Vargas & Díaz Nájera, 1949:295, figs. 38, 40.
- ANGRENSE Pinto, 1931:683, figs. 9, 14-15. Type-locality: Brazil, Rio de Janeiro, Angra dos Reis. Distr. — Brazil (Rio de Janeiro).
- ANNULATUM Philippi, 1865:634. Type-locality: Chile, Santiago, Valle San Ramón. Distr. — Chile (Santiago, Tacna).
- ANTILLARUM Jennings, 1915:200. Type-locality: West Indies, St. Croix and Jamaica, Hope River near Kingston and Roaring River. Distr. — St. Croix, Jamaica, Guadeloupe, Cuba, Mexico (Chiapas), Venezuela. Ref. — Díaz Nájera, 1961:79, figs. 1-26.
- ANTONII Wygodzinsky, 1953b:325, figs. 30-43. Type-locality: Bolivia, Cochabamba, Chapare, 3150 m. Distr. — Bolivia.
- ANTUNESI (Lane & Porto), 1940:189, fig. 1 (*Eusimulium*). Type-locality: Brazil, Bahia, Pirajá. Distr. — Brazil (Bahia). Ref. — Lane & Vulcano, 1943:436, fig. 13.
- ARGENTATUM (Enderlein), 1936:125 (*Thyrsopeima*). Type-locality: "Upper Peru". Distr. — Peru.
- ARGUS Williston, 1893:253. Type-locality: U.S.A., California, Argus Mountain. Distr. — Canada, U.S.A. (California), Mexico (D.F., Durango, Guanajuato, Guerrero, Hidalgo, Jalisco, Michoacán, Morelos, Nuevo León, Oaxaca, Puebla, San Luis Potosí, Sonora, Veracruz). Ref. — Vargas, Martínez Palacios & Díaz Nájera, 1946:171, figs. 134, 154.

- kamloopsi* Hearle, 1932:12, fig. A. Type-locality: Canada, British Columbia, Kamloops.
- AUREUM (Fries), 1824:16 (*Simulia*). Type-locality: Scandinavia, Esperöd. Distr. — Europe; Mexico (Chiapas, Durango, Guanajuato, Michoacán, Morelos, Veracruz), Guatemala (Chimaltenango, Huehuetenango, Quezaltenango, El Quiché, San Marcos, Sololá, Totonicapán). Refs. — Dalmat, 1955:116, figs. 8, 19-21, 136-138, 268, 282, 322, 362, 369, 399; Vargas & Díaz Nájera, 1957b:164-166, figs. 45-53.
- donovani* Vargas, 1943b:359, figs. 34-36. Type-locality: Mexico, Chiapas, Pueblo de Chamula, 2350 m.
- diaz* León, 1945:5, fig. 7. Type-locality: Guatemala, María Tecún.
- AURPELLITUM Enderlein, 1933:286. Type-locality: "Paraguay, 'hohehnau'". Distr. — Paraguay.
- AURISTRIATUM Lutz, 1910:245. Type-locality: Brazil, Minas Gerais, Julz de Fora and Alfnas; São Paulo, Serra da Bocaina. Distr. — Brazil (Minas Gerais, São Paulo, Mato Grosso, Rio de Janeiro, Guanabara). Ref. — M.A.V. d'Andretta & C. d'Andretta, 1949:55, figs. 1-42.
- infuscatum* Lutz, 1910:236 (*nec* Lutz, 1909). Type-locality: Brazil, São Paulo, Serra da Bocaina, Fazenda do Bonito, 1600 m., and Itanhaem; Rio de Janeiro, Petrópolis, Caxambu de Cima.
- AYROSAI Vargas, 1945a:74, pl. 7, fig. 4, pl. 8, figs. 4, 7, pl. 9, fig. 5, pl. 10, figs. 3-4. Type-locality: Mexico, D.F., Desierto de los Leones. Distr. — Mexico (México, D.F., Puebla). Refs. — Vargas, Martínez Palacios & Díaz Nájera, 1946:106, 111, 164, 181, 184, 185, fig. 125; Vargas & Díaz Nájera, 1957b:166, 167, 170, 173, figs. 65-72.
- BAIENSE Pinto, 1931:685, figs. 16-18. Type-locality: Brazil, Bahia, Nazaré. Distr. — Brazil (Bahia).
- BARBATIPES (Enderlein), 1933:277 (*Acropogon*). Type-locality: Bolivia, La Paz, Luribay. Distr. — Peru, Bolivia. Ref. — Wygodzinsky, 1953b:321, 29 figs.
- BENJAMINI Dalmat, 1952:339, figs. 1-7. Type-locality: Guatemala, El Petén, Río Sokchá, Poctún. Distr. — Guatemala (El Petén, Altaverrapaz). Ref. — Dalmat, 1955:121, figs. 8-9, 22-24, 139-141, 275, 283, 325.
- BICOLORATUM Malloch, 1913:649, pl. 46, figs. 6-7. Type-locality: Peru, Río Charape. Distr. — Peru, Venezuela, Bolivia, Colombia. Ref. — Wygodzinsky, 1953b:327, figs. 44-58.
- macca* Enderlein, 1933:281 (*Ectemnaspis*; preocc. Enderlein, 1933:276, as *Dasytelmoza*). Type-locality: "Peru".
- molli* Vargas, 1943a:142 (nom. nov. for *Ectemnaspis macca* Enderlein).
- BIVITTATUM Malloch, 1914:31, pl. 5, fig. 7. Type-locality: U.S.A., New Mexico, Las Vegas. Distr. — U.S.A. (New Mexico), Mexico (Zacatecas). Ref. — Vargas & Díaz Nájera, 1958:13, 15, 17, 18, 20, 22, figs. 1-16.
- BOTULIBRANCHIUM Lutz, 1910:256, 263, fig. 1. Type-locality: Brazil, Rio de Janeiro, Morro do Observatório, Petrópolis. Distr. — ?Venezuela (D.F.), Brazil (Minas Gerais, Rio de Janeiro, São Paulo). Ref. — M.A.V. d'Andretta & C. d'Andretta, 1947b:145, figs. 1-43.
- tulibranchium* Lutz, 1922:92 (error).
- BRACHYCLADUM Lutz & Pinto in Pinto, 1931:690, figs. 19-25. Type-locality: Brazil, Pernambuco, Tapera, and Bahia, São Félix. Distr. — Brazil (Pernambuco, Bahia).

- BREVIFURCATUM** Lutz, 1910:259, 263, figs. 14-15. Type-locality: Brazil, São Paulo, Serra da Bocaina, Fazenda do Bonito. Distr. — Brazil (Rio de Janeiro, São Paulo, Paraná), Argentina (Misiones). Rcf. — Vulcano, 1962:255, figs. 56, 58, 60-95.
- aequifurcatum* Lutz, 1910:259. Type-locality: unknown [Brazil].
- BRICENOI** Vargas, Martínez Palacios & Díaz Nájera, 1946:115, figs. 8-15 (as *briceñoi*). Type-locality: Mexico, México, Dos Ríos, 2645 m. Distr. — Mexico (México, D.F., Durango, Guanajuato, Veracruz). Ref. — Vargas & Díaz Nájera, 1957b:174, 175, 177-179, figs. 179-187.
- BURCHII** Dalmat, 1951:42, figs. 16-23. Type-locality: Guatemala, El Quiché, Nebaj, Río Micovez. Distr. — Guatemala (El Quiché, Huehuetenango). Ref. — Dalmat, 1955:239, figs. 94-96, 214-216, 251, 303, 348, 386, 423.
- BUSTOSI** Vargas, Martínez Palacios & Díaz Nájera, 1946:138, figs. 64-70, 120. Type-locality: Mexico, Veracruz, Cruz Blanca, Acajete. Distr. — Mexico (Veracruz, Oaxaca). Ref. — Vargas & Díaz Nájera, 1957b:190, 193, 194, 196, 198, 247, 260, 264, figs. 393-400.
- CALLIDUM** (Dyar & Shannon), 1927:12-13, 16, fig. 41 (*Eusimulium*; nom. nov. for *ochraceum* of Malloch). Type-locality: Mexico, Veracruz, Córdoba. Distr. — Mexico (Chiapas, Colima, Guerrero, Hidalgo, Jalisco, México, Michoacán, Morelos, Oaxaca, Quintana Roo, Puebla, San Luis Potosí, Veracruz), Guatemala (Chimaltenango, Sololá, Quezaltenango, San Marcos, Altaverapaz, Bajaverapaz, El Progreso, Santa Rosa, Jutiapa, Escuintla, El Quiché, Suchitepéquez, Izabal, Zacapa, Retalhuleu, Chiquimula, Huehuetenango), British Honduras. Refs. — Vargas, 1942a:231, figs. 1, 8; Vargas, 1943b:363, figs. 28-29; Vargas, Martínez Palacios & Díaz Nájera, 1946:102, 107, 112, 162, 166, 184, 187.
- ochraceum* Walker of Malloch, 1914:30, pl. 2, fig. 5, pl. 5, fig. 8.
- mooseri* Dampf, 1927:127, figs. 1-3a (*Eusimulium*). Type-locality: Mexico, Oaxaca, Tiltepec.
- CANADENSE** Hearle, 1932:14 (as *virgatum* ssp.). Type-locality: Canada, British Columbia, Kamloops. Distr. — Canada (British Columbia), U.S.A., Mexico (D.F., Durango, Mexico, Oaxaca, Puebla, Veracruz). Refs. — Hearle, 1929:48 (as *virgatum*), figs. A-G; Hearle, 1935:15, figs. 1, 4.
- virgatum* Coquillett of Malloch, 1914:48, figs. A-G.
- CAPRICORNE** León, 1945:71, figs. 8-9 (as *capricornis*). Type-locality: Guatemala, Totonicapán, and Río Samalá, Km 169 "proximo a la ciudad". Distr. — Mexico (Chiapas, Veracruz), Guatemala (Chimaltenango, Totonicapán, Guatemala, Sacatepéquez, Altaverapaz, El Quiché, Sololá, Huehuetenango). Ref. — Dalmat, 1955:244, figs. 97-99, 217-219, 252, 309, 349, 387, 424.
- CAROLINAE** León, 1945:73, figs. 12-13. Type-locality: Guatemala, Quezaltenango, Salto de Zunil, 1900 m. Distr. — Mexico (Chiapas, Oaxaca, Veracruz), Guatemala (Chimaltenango, Guatemala, Altaverapaz, Bajaverapaz, Sololá, Suchitepéquez). Ref. — Vargas, Martínez Palacios & Díaz Nájera, 1946:122, figs. 29-34.
- CATARINENSE** Pinto, 1931:695, figs. 26-29. Type-locality: Brazil, Santa Catarina, São Bento. Distr. — Brazil (Santa Catarina).
- CAUCHENSE** Floch & Abonnenc, 1946c:1, figs. 1-2. Type-locality: French Guiana, crique Patawa, "bassin de Caux e crique Blanche, bassin d'Iracoubo". Distr. — French Guiana.

- CHALCOCOMA Knab, 1914c:85. Type-locality: Peru, Tincachococha, 210 m. Distr. — Peru, Bolivia. Refs. — Vargas & Díaz Nájera, 1951:142, figs. 74-75; Vargas & Díaz Nájera, 1953b:139.
- latitarsis* Enderlein, 1933:288 (*Trichodagmia*). Type-locality: Peru, Callanga, Mamara, Arequipa and Chanchamayo; Bolivia, Mapiri, Lorenzopata and Sarampiuni.
- chalcocomense* Vargas, 1945c:125 (error).
- CHILIANUM Philippi in Rondani, 1864:90. Type-locality: "Chile". Distr. — Chile.
- CLARKI Fairchild, 1940:710, figs. 10, 18, 25, 30. Type-locality: Panama, Coclé, El Valle River. Distr. — Panama (Coclé, Darién), Venezuela (Miranda). Ref. — Vargas & Díaz Nájera, 1948a:75, figs. 1-2.
- CLAVIBRANCHIUM Lutz, 1910:257. Type-locality: Brazil, Rio de Janeiro, Petrópolis, Morro do Observatório, 1800 m. and Estação Capivari (between Barra Mansa and Angra dos Reis); São Paulo, Serra da Bocaina, [Fazenda do Bonito], 1200 m. Distr. — Brazil (Rio de Janeiro, São Paulo).
- CONTRERENSE Díaz Nájera & Vulcano, 1962:94, figs. 15-45. Type-locality: Mexico, D.F., Los Dinamos Contreras. Distr. — Mexico (Morelos, Oaxaca).
- COSTALIMAI Vargas, Martínez Palacios & Díaz Nájera, 1946:108, 111, 140-142, 151, 162, 172-173, 185, 187, figs. 71-73. Type-locality: Mexico, Morelos, Lagunas de Zempoala. Distr. — Mexico (Morelos, Oaxaca).
- jacumbae* Dyar & Shannon of Vargas, Díaz Nájera & Martínez Palacios, 1943:289, figs. 6-7.
- COSTARICENSE Smart, 1944:132 (nom. nov. for [*Acropogon*] *rufidorsum* Enderlein; as *costaricensis*). Type-locality: "Costa Rica". Distr. — Costa Rica, West Indies, Peru.
- rufidorsum* Enderlein, 1936:119 (*Acropogon*; preocc. Enderlein, 1933 [*Psilopelmia*]).
- costaricence* Vargas, 1945b:5 (nom. nov. for *rufidorsum* Enderlein; preocc. Smart, 1944).
- CUNEATUM (Enderlein), 1936:124 (*Psaroniocompsa*). Type-locality: "Paraguay". Distr. — Paraguay.
- DALMATI Vargas & Díaz Nájera, 1948b:337, figs. 47-56. Type-locality: Mexico, Veracruz, Cumbres de Acultzingo. Distr. — Mexico (Veracruz, Morelos). Ref. — Díaz Nájera & Vulcano, 1962:92, figs. 46-56.
- DANDRETTAI Vargas, Martínez Palacios & Díaz Nájera, 1946:124, figs. 35-40 (as *d'andrettai*). Type-locality: Mexico, México, La Cima Salazar, 3005 m. Distr. — Mexico (México, D.F., Oaxaca, Veracruz). Ref. — Vargas & Díaz Nájera, 1948b:342, figs. 62-63.
- DEACOSTINII Coscarón & Wygodzinsky, 1962:322, figs. 185-236. Type-locality: Argentina, Tierra del Fuego, Tierra Mayor. Distr. — Argentina (Tierra del Fuego).
- DELATORREI Dalmat, 1950:137, figs. 1-7. Type-locality: Guatemala, Totonicapán, Rio Samalá. Distr. — Mexico (Chiapas), Guatemala (Huehuetenango, Chimaltenango, Totonicapán, El Quiché, Sololá, San Marcos). Ref. — Dalmat, 1955:253, figs. 103-105, 223-225, 258, 311, 351, 389, 426.
- DELEONI Vargas, 1945a:72, pl. 7, fig. 3, pl. 8, fig. 5, pl. 9, fig. 2, pl. 10, figs. 5-6. Type-locality: Mexico, D.F., Desierto de los Leones.

- Distr. — Mexico (Chiapas, D.F., Durango, México, Oaxaca, Puebla, Veracruz). Refs. — Vargas & Díaz Nájera, 1957b:167, 168, 171, 172, 174, figs. 116-124; Díaz Nájera & Vulcano, 1962:92, figs. 57-61.
- DELPONTEIANUM** Wygodzinsky, 1961:30, figs. 1-16. Type-locality: Argentina, Buenos Aires, La Plata, La Granja, Arroyo "El Gato". Distr. — Argentina (Buenos Aires).
- DIAZNAJERAI** Vargas, 1943a:136 (nom. nov. for [*Odagmia*] *tenuifrons* Enderlein). Type-locality: "Mexico". Distr. — Mexico.
- tenuifrons* Enderlein, 1936:130 (*Odagmia*; preocc. Enderlein, 1921).
- DINELLI** (Joan), 1912:363 (sep., p. 5), figs. 1-11, pl. 1 (*Melusina*). Type-locality: Argentina, Tucumán, Montes de Apachirí. Distr. — Guatemala, Colombia, Peru, Venezuela, Ecuador, Bolivia, Brazil (Santa Catarina), Argentina (Tucumán, Salta, Jujuy). Ref. — Wygodzinsky, 1950:77, pls. 1-9.
- bipunctatum* Malloch, 1912:650. Type-locality: Peru, Charape.
- minitata* Enderlein, 1933:275 (*Dasypelmoza*). Type-locality: Bolivia, Mapiří, Lorenzopata, Sarampiuni, 700 m, San Ernesto, Sorata, 2300 m, San Carlos, 800 m, La Paz; Peru, Rosalina, Urubamba River, Cuzco.
- miniata* Enderlein, 1934:194-195 (*Trichodagmia*; preocc. Enderlein, 1933). Type-locality: Bolivia, Yungas de la Paz, 1000 m, San Antonio and Songo; Peru, Cuzco, Callanga, Valle de Piñipíñi, 1500 m, and Vilcanota; Colombia, Tierra Caliente; Ecuador, Tambillo.
- ochraceum* Walker of Lane & Porto, 1939:171 (*Eusimulium*).
- martinezi* Vargas, 1943a:136 (nom. nov. for *miniata* Enderlein, 1934).
- DISTINCTUM** Lutz, 1910:241. Type-locality: Brazil, São Paulo, Serra da Bocaina, [Fazenda do Bonito]; Rio de Janeiro, Petrópolis, Caxambu de Cima; Minas Gerais, Juiz de Fora. Distr. — Brazil (Minas Gerais, Rio de Janeiro, São Paulo), ?Argentina (Córdoba). Ref. — C. d'Andretta, 1954:63, 6 figs.
- pertinax* Kollar of Lane & Porto, 1939:169 (part).
- DIVERSIBRANCHIUM** Lutz, 1910:238, 263, fig. 8. Type-locality: Brazil, São Paulo, Serra da Bocaina, [Fazenda do Bonito]. Distr. — Brazil (São Paulo).
- DIVERSIFURCATUM** Lutz, 1910:258, fig. 12. Type-locality: Brazil, São Paulo, Serra da Bocaina, [Fazenda do Bonito]; Rio de Janeiro, Petrópolis, Capivari. Distr. — Brazil (Bahia, Rio de Janeiro, São Paulo).
- DOWNSI** Vargas, Martínez Palacios & Díaz Nájera, 1946:126, figs. 41-44, 128. Type-locality: Mexico, Chiapas, Soconusco, Finca el Rosario. Distr. — Mexico (Chiapas, Oaxaca), Guatemala (Chimaltenango, Guatemala, Escuintla, Santa Rosa, Altaverapaz, Bajaverapaz, El Petén, Huehuetenango, El Quiché, Jalapa, Jutiapa, Zacapa, El Progreso, Retalhuleu, San Marcos, Sololá, Suchitupéquez), Venezuela (Miranda).
- ochraceum* Walker of Hoffmann, 1931:215, figs. 3, 4, 8, 12, 14, 15 (*Eusimulium*).
- samboni* Jennings of Dampf, 1943:34.
- DUGESI** Vargas, Martínez Palacios & Díaz Nájera, 1946:129, 167, figs. 45-48. Type-locality: Mexico, Tamaulipas, Xicoténcatl, Río Guayaalejo. Distr. — México (San Luis Potosí, Tamaulipas), Guatemala (Escuintla, San Marcos). Ref. — Vargas & Díaz Nájera, 1957b:182, 187, 188, 189, figs. 322-328.

- EARLEI Vargas, Martínez Palacios & Díaz Nájera, 1946:118, 177, figs. 16-21, 131, 141. Type-locality: Mexico, Morelos, Temixco. Distr. — Mexico (Collma, Michoacán, Morelos, Nuevo León, Oaxaca, Veracruz), Guatemala (Chimaltenango, Escuintla, Jutiapa, El Progreso, Santa Rosa, Suchitepéquez).
- EARLI Vargas & Díaz Nájera, 1957b: 175, 177, 180, figs. 188-195 (error).
- ECUADORIENSE (Enderlein), 1934:193 (*Trichodagmia*). Type-locality: Ecuador, Pichincha, Tamblillo. Distr. — Ecuador (Pichincha). Ref. — Bequaert, 1945:113.
- aequatoriense Vargas, 1945c:109 (error).
- equadoriense León & Wygodzinsky, 1953:273 (error).
- ENCISOI Vargas & Díaz Nájera, 1949:292-295, figs. 29-37. Type-locality: Mexico, Hidalgo, San Miguel Regla. Distr. — Mexico (Hidalgo, Michoacán). Ref. — Vargas & Díaz Nájera, 1957b:180, 181, 182, 233, 263, figs. 287-293.
- ESCOMELI Roubaud, 1909:428-429. Type-locality: Peru, Arequipa, Tingo. Distr. — Peru (Lima, Arequipa), Ecuador (Imbabura, Azuay, Cotopaxi, Pichincha), Chile (Arica, Tacna). Refs. — Knab, 1914b:18-21, fig. 1; Vargas & Díaz Nájera, 1953a:17-21, figs. 1-8.
- rufidorsum Enderlein, 1933:283 (*Psilopelmia*). Type-locality: "Upper Peru".
- ESTEVEZI Vargas, 1945a:71, pl. 7, figs. 2, 5, pl. 8, fig. 3, pl. 9, fig. 1. Type-locality: Mexico, Oaxaca, Ixtlán, San Felipe del Agua, 1600 m. Distr. — Mexico (Chiapas, D.F., Guerrero, Morelos, Oaxaca, Veracruz). Refs. — Díaz Nájera & Vulcano, 1962:92, 93, figs. 62-66.
- canadense Hearle of Vargas, 1943a:133-143, figs. 2-3.
- ETHELAE Dalmat, 1950:143, figs. 8-14. Type-locality: Guatemala, Sololá, Río los Arcos, near Los Encuentros. Distr. — Mexico (Chiapas), Guatemala (Sololá, Quezaltenango, Huehuetenango, Chimaltenango, Guatemala). Refs. — Dalmat, 1951:52, 1955:258, figs. 106-108, 226-228, 254, 312, 352, 390, 427.
- EXIGUUM Roubaud, 1906c:108. Type-locality: Venezuela, Alto Sarare. Distr. — Mexico (Morelos), Panama (Canal Zone), Colombia, Ecuador (Esmeralda, Los Ríos, Napo, Pastaza), Venezuela (Lara, Barinas, Amazonas, Aragua, Yaracuy, Carabobo, Miranda, Mérida), Peru, Bolivia (Gran Chaco, Covende, Chapare), ?Brazil (São Paulo, Rio de Janeiro), Argentina (Tucumán, Salta, Jujuy, Misiones). Refs. — Vargas, 1943b:363, figs. 1-9; Wygodzinsky, 1951b:214.
- glaucophthalmum Knab, 1914d:123. Type-locality: Peru, Santa Clara, Chosica.
- delpontei Paterson & Shannon, 1927:739, 742. Type-locality: Argentina, Salta, Embarcación and Jujuy, Zapla, Ledesma.
- FALCULATUM (Enderlein), 1929:327, fig. 2 (*Friesia*). Type-locality: México, Veracruz, Boca del Monte. Distr. — Mexico (Veracruz).
- coffae Vargas, 1945b:4 (unnecessary change of name).
- FIGUEROA Smart, 1944:133 (nom. nov. for *simile* Silva Figueroa). Type-locality: Chile, Santiago, Apoquindo. Distr. — Chile (Santiago), Argentina (Rio Negro, Neuquén). Ref. — Wygodzinsky, 1958:133.
- simile Silva Figueroa, 1917:33, figs. 19-20 (preocc. Malloch, 1914). Type-locality: Chile, Santiago, Apoquindo.
- FLAVIFEMUR (Enderlein), 1921b:79 (*Chirostilbia*). Type-locality: "Brazil". Distr. — Brazil. Ref. — Stone, 1962:207.

FLAVIPICTUM Knab, 1914c:83. Type-locality: Peru, Río Charape. Distr. — Peru.

flavopictum Pinto, 1931:744 (error).

FLAVOPUBESCENS Lutz, 1910:248, figs. 17-18. Type-locality: Brazil, Rio de Janeiro, Itatiaia, 2400 m. and Agulhas Negras. Distr. — Brazil (Rio de Janeiro, São Paulo). Ref. — Lane & Vulcano, 1943:434, figs. 8, 18.

FREEMANI Vargas & Díaz Nájera, 1949:289, figs. 19-28. Type-locality: Mexico, Oaxaca, Etla, San Pablo. Distr. — Mexico (Guanajuato, Guerrero, Oaxaca). Ref. — Vargas & Díaz Nájera, 1957b:175, 177-179, figs. 196-204.

GANALESENSE Vargas, Martínez Palacios & Díaz Nájera, 1946: 114, 165, figs. 1-7. Type-locality: Mexico, San Luis Potosí, Guerrero, Hacienda de Ganales. Distr. — Mexico (Morelos, San Luis Potosí, Tabasco). Ref. — Vargas & Díaz Nájera, 1957b:163, figs. 29-36.

ganalesense Nettel, 1952:439 (error).

GAUDEATUM Knab, 1914c:81. Type-locality: Peru, Cañon de Verrugas. Distr. — Peru.

gaudeatum Iriarte, 1946:460 (error).

GONZALESII Vargas & Díaz Nájera, 1953c:235, figs. 1, 3, 5-7, 9 (nom. nov. for *exiguum* of Knab). Type-locality: Not stated [types were not selected]. Distr. — Mexico (Chiapas, Colima, Guerrero, Hidalgo, Jalisco, Morelos, Nayarit, Oaxaca, Puebla, San Luis Potosí, Tabasco, Veracruz), Guatemala (Altaverrapaz, Sololá, Chimaltenango, Zacatepéquez, Guatemala, Escuintla, Izabal, Huehuetenango, El Petén, El Quiché, Chiquimula, Jutiapa, Zacapa, San Marcos, Suchitepéquez). Ref. — Vargas, Martínez Palacios & Díaz Nájera, 1946:171, fig. 153.

exiguum Roubaud of Knab, 1913:154 (part).

GORIROSSIAE Vargas & Díaz Nájera, 1957b:199, figs. 143-151 (as *gorirossi*; emend. by Vargas & Díaz Nájera, 1959:106). Type-locality: Mexico, Chiapas, Mariscal, Finca Guadalupe Zajú. Distr. — Mexico (Chiapas, Oaxaca, Veracruz). Ref. — Díaz Nájera & Vulcano, 1962: 92, 101, 102, figs. 67-71.

GUERRERENSE Vargas & Díaz Nájera, 1956:51, figs. 1-8. Type-locality: Mexico, Guerrero, Ayutla. Distr. — Mexico (Guerrero).

pulverulentum Knab of Vargas, 1943b:366, pl. 2, figs. 10-18.

GUIANENSE Wise, 1911:248. Type-locality: British Guiana, Essequibo River. Distr. — British Guiana, Venezuela (Bolívar). Refs. — Wise, 1912:43; Smart, 1940:4, figs. 1-2, 1942:47, figs. 1a-b.

tarsale Williston of Floch & Abonnenc, 1946a: pl. 2.

GUTTATUM (Enderlein), 1936:124 (*Phiodasina*). Type-locality: Paraguay, La Cordillera, San Bernardino. Distr. — Paraguay (La Cordillera).

HAEMATOPOTUM Malloch, 1914:62. Type-locality: Mexico, Veracruz, Santa Lucrecia; Cuba, Cayamas. Distr. — Mexico (Chiapas, Colima, Guerrero, Jalisco, Michoacán, Morelos, Nayarit, Oaxaca, Puebla, Sinaloa, Tabasco, Veracruz), Guatemala (Chimaltenango, Escuintla, Santa Rosa, Altaverrapaz, Izabal, Huehuetenango, Guatemala, Chiquimula, El Progreso, Zacapa, Quezaltenango, San Marcos, El Petén), Cuba, Puerto Rico, Venezuela (Bolívar), British Guiana, Colombia.

- pseudohaematopum* Hoffmann, 1930b:295, figs. 3, 10. Type-locality: Mexico, Chiapas, Pueblo Nuevo.
- quadrivittatum* Fairchild of Dunn, 1934:177.
- boydi* León, 1945:76, fig. 16. Type-locality: Guatemala, Guatemala, Palín, Hacienda "El Llano".
- HECHT Vargas, Martínez Palacios & Díaz Nájera, 1946:142, figs. 79-82. Type-locality: Mexico, D.F., Los Dinamos Contreras. Distr. — Mexico (D.F., Morelos). Ref. — Vargas & Díaz Nájera, 1957b:190, 193, 195-196, 198, 260, figs. 410-416.
- sayi* Dyar & Shannon of Vargas, Díaz Nájera & Martínez Palacios, 1943:288.
- HINMANI Vargas, Martínez Palacios & Díaz Nájera, 1946:120, figs. 22-28, 130, 158. Type-locality: Mexico, México, Los Remedios. Distr. — Mexico (Chiapas, Colima, México, Oaxaca, Veracruz).
- HIRTUPA Lutz, 1910:260, 263-264, fig. 21. Type-locality: Brazil, Minas Gerais, Lassance. Distr. — Brazil (Minas Gerais).
- HOFFMANNI Vargas, 1943a:138 (nom. nov. for *angustitarsis* Enderlein). Type-locality: Peru, Calca. Distr. — Peru.
- angustitarsis* Enderlein, 1933:289, 290 (*Trichodagmia*; preocc. Lunds-tröm, 1911). Type-locality: Peru, Calca.
- HUAIYACU Wygodzinsky, 1953a:310, figs. 81-127. Type-locality: Argentina. Tucumán, Arroyo Matadero (between Raco and Siambón). Distr. — Argentina (Salta, Tucumán, Jujuy).
- IGNESCENS Roubaud, 1906b:107. Type-locality: Ecuador, Napo. Distr. — Ecuador (Imbabura, Cotopaxi, Pichincha, Napo), Bolivia (Mapiří, Yungas), Peru, Argentina (Tucumán, Salta, Buenos Aires).
- rubiginosum* Enderlein, 1933:287 (*Chirostilbia*). Type-locality: Bolivia. Lorenzopata, Mapiří, San Carlos.
- INAEQUALE (Paterson & Shannon). 1927:739 (*Eusimulium*). Type-locality: Argentina, Jujuy, Zapla. Distr. — Argentina (Tucumán, Salta, Jujuy), Bolivia (Yungas). Ref. — Wygodzinsky, 1953a:304, figs. 37-80.
- INCERTUM Lutz, 1910:259. Type-locality: Brazil, Minas Gerais, Lassance; São Paulo, Salto Grande, Rio Paranapanema. Distr. — Brazil (Minas Gerais, São Paulo). Ref. — Pinto, 1931:755, fig. 8j.
- INCRUSTATUM Lutz, 1910:243, figs. 5-6. Type-locality: Brazil, Rio de Janeiro, Petrópolis and Mendes; São Paulo, Serra da Bocaina, [Fazenda do Bonito], and São Paulo: Rio Pacaembu and Rio Anhangabaú; Minas Gerais, Alfenas; Pernambuco. Distr. — Brazil (Pernambuco, Bahia, Minas Gerais, Rio de Janeiro, São Paulo), Paraguay, Colombia, Ecuador, Venezuela. Refs. — Wygodzinsky, 1915b:217, figs. 67-68; Vargas & Díaz Nájera, 1953b:137.
- opalifrons* Enderlein, 1934:192 (*Psaroniocompsa*). Type-locality: Paraguay, La Cordillera, San Bernardino.
- INEXORABLE Schrottky, 1909:63. Type-locality: Argentina and Brazil, Rio Paraná. Distr. — Paraguay, Brazil, Argentina. Ref. — C. d'Andretta & M.A.V. d'Andretta, 1950:196.
- IRACOUBOENSE Floch & Abonnenc, 1946c:7, figs. 4-5. Type-locality: French Guiana, Bassin d'Iracoubo, Crique Blanche, and Oyapock River, Cafésoca. Distr. — French Guiana. Ref. — Vargas & Díaz Nájera, 1951:150.
- IRIARTEI Vargas, Martínez Palacios & Díaz Nájera, 1946:144, 173, figs. 74-78, 148. Type-locality: Mexico, D.F., Los Dinamos Contreras. Distr.

- Mexico. (D.F., Durango, Guerrero, Oaxaca, Veracruz). Ref. — Vargas & Díaz Nájera, 1957b:191-192, 195, 198, figs. 417-424.
- hirtipes* Fries of Vargas, 1943a: 143, fig. 1.
- ITAUNENSIS C. d'Andretta & González B., 1964:106, figs. 13-19. Type-locality: Brazil, São Paulo, Itatinga, Fazenda Itaúna. Distr. — Brazil (São Paulo).
- JACOBI Dalmat, 1953:40, figs. 9-11. Type-locality: Guatemala, Escuintla, Palín, Finca el Llano, Río Michatoya. Distr. — Guatemala (Escuintla).
- JACUMBÆ Dyar & Shannon, 1927:44, figs. 113-114. Type-locality: U.S.A., California, Jacumba Springs. Distr. — U.S.A. (California), Mexico (Chiapas, Hidalgo, Jalisco, Michoacán, Oaxaca, Veracruz), Guatemala (Bajaverapaz, Chimaltenango, Guatemala, Jalapa, El Progreso, Quezaltenango, Sololá, El Quiché, Zacapa). Ref. — Vargas, Martínez Palacios & Díaz Nájera, 1946:146, figs. 83-86, 150.
- guatemalensis* León, 1945:75, fig. 15. Type-locality: Guatemala, Chimaltenango, Yepocapa.
- JOBBINSI Vargas, Martínez Palacios & Díaz Nájera, 1946:147, figs. 87-90. Type-locality: Mexico, Chiapas, Soconusco, Aldea El Naranjo. Distr. — Mexico (Chiapas, Oaxaca, Veracruz), Guatemala (Altaverrapaz, Bajaverapaz, Chimaltenango, Guatemala, Huehuetenango, Quezaltenango, San Marcos, Sololá, Suchitupéquez, Totonicapán, Sacatepéquez). Ref. — Dalmat, 1955:213, figs. 76-78, 196-198, 249, 293-294, 302, 342, 380, 417.
- JOHNSONI Vargas & Díaz Nájera, 1957b:203, figs. 152-160. Type-locality: Mexico, Veracruz, Cascadas de Teocelo. Distr. — Mexico (Michoacán, Oaxaca, Veracruz). Ref. — Díaz Nájera & Vulcano, 1962:99, figs. 72-75.
- JUAREZI Vargas & Díaz Nájera, 1957b:205, figs. 161-169. Type-locality: Mexico, Oaxaca, Ixtlán, El Estudiante. Distr. — Mexico (Michoacán, Oaxaca). Ref. — Díaz Nájera & Vulcano, 1962:100, figs. 76-80.
- JUJUYENSE Paterson & Shannon, 1927:739, 741. Type-locality: Argentina, Jujuy, Zapla. Distr. — Bolivia, Ecuador (Esmeraldas, Cotopaxi), Argentina (Jujuy, Mendoza, Tucumán, Salta, Buenos Aires). Ref. — Wygodzinsky, 1951b:207, figs. 1-51.
- mendozanum* Enderlein, 1936:123 (*Psaroniocompsa*). Type-locality: Argentina, Mendoza.
- JUNDIAIENSIS C. d'Andretta & González B., 1964:108, figs. 20-28. Type-locality: Brazil, São Paulo, Jundiá, Bauru, Caxambu. Distr. — Brazil (São Paulo).
- KOMPI Dalmat, 1951:38, figs. 8-15. Type-locality: Guatemala, Chimaltenango, Acatenango, Aldea Los Pajales, Río Ciprés. Distr. — Guatemala (Chimaltenango). Ref. — Dalmat, 1955:218, figs. 79-81, 199-201, 303, 343, 381, 418.
- LAHILLEI (Paterson & Shannon), 1927:740 (*Eusimulium*). Type-locality: Argentina, Tucumán, Quebrada de Lules. Distr. — Argentina (Tucumán, Salta, Jujuy, Córdoba, Catamarca). Refs. — Wygodzinsky, 1949a:306, 7 pls.; Vargas & Díaz Nájera, 1951:141, figs. 14-22.
- LANEPORTOI Vargas, 1941:118 (as *lane-portoi*; nom. nov. for *pilosum* Lane & Porto). Type-locality: Brazil, Mato Grosso, Chapada, Ponce, 600 m. Distr. — Brazil (Mato Grosso, Paraná).
- lane-porteroi* Smart, 1945:507 (error).



- pilosum* Lane & Porto, 1940:190, figs. 2-5 (preocc. Knowlton & Rowe, 1934). Type-locality: Brazil, Mato Grosso, Chapada, Ponce, 600 m.
- LARVISPINOSUM León, 1948:5, figs. 1-19. Type-locality: Guatemala, Chicacao, Finca Olas de Mocá. Distr. — Mexico (Chiapas), Guatemala (Chimaltenango, Suchitepéquez, Sololá). Ref. — Díaz Nájera & Vulcano, 1962:101, figs. 81-84 (revalidation of sp.).
- LASSMANNI Vargas, Martínez Palacios & Díaz Nájera, 1946:149, 174, figs. 91-97, 123. Type-locality: Mexico, México, Los Remedios. Distr. — Mexico (D.F., Durango, Guanajuato, Veracruz).
- LATICALX (Enderlein), 1933:291 (*Trichodagmia*). Type-locality: Peru, Callanga, Rosalina, Río Urubamba. Distr. — Peru.
- LATIDIGITUS (Enderlein), 1936:129 (*Trichodagmia*). Type-locality: Colombia, Muzo. Distr. — Colombia.
- LIMAY Wygodzinsky, 1958:123, figs. 1-19, 22-30. Type-locality: Argentina, Neuquén, Paso Limay, "orilla del Río Limay". Distr. — Argentina (Neuquén).
- LIMBATUS Knab, 1915a:280. Type-locality: British Guiana, Rupununi River. Distr. — British Guiana, Venezuela (Bolívar).
- LONGITHALLUM Díaz Nájera & Vulcano, 1961:221, figs. 1-27. Type-locality: Mexico, Morelos, Tepoztlán. Distr. — Mexico (Jalisco, Morelos).
- LURYBAYAE Smart, 1944:132 (nom. nov. for *angustifrons* Enderlein). Type-locality: Bolivia, La Paz, Luribay. Distr. — Bolivia.
- angustifrons* Enderlein, 1933:288 (*Trichodagmia*; preocc. Enderlein, 1921). Type-locality: Bolivia, La Paz, Luribay.
- MACCA (Enderlein), 1933:276 (*Dasypelmoza*). Type-locality: Peru, Valley of Lares, Rosalina, Río Urubamba. Distr. — Venezuela, Peru.
- maccum* Vargas, 1943a:141 (error).
- MAJOR Lane & Porto, 1940:192, figs. 6-9. Type-locality: Brazil, Mato Grosso, Chapada, Ponce. Distr. — Brazil (Mato Grosso, Goiás, São Paulo). Ref. — Lane & Vulcano, 1943:438, fig. 19.
- magnum* Porto, 1940:383 (error).
- MANGABEIRAI Vargas, 1945a:76, pl. 7, fig. 1, pl. 8, figs. 1-2, pl. 9, figs. 3-4. Type-locality: Mexico, México, Salazar, La Cima, 3005 m. Distr. — Mexico (D.F., México, Michoacán, Veracruz). Refs. — Vargas, Martínez Palacios & Díaz Nájera, 1946:168, fig. 156; Vargas & Díaz Nájera, 1957b:184, 186-187, 189, 204, 231, 235-236, 258, figs. 336-342.
- MANICATUM (Enderlein), 1933:288 (*Trichodagmia*). Type-locality: "Upper Paraguay". Distr. — Paraguay, Peru.
- MARATHRUM Fairchild, 1940:715, figs. 3, 15, 21, 34. Type-locality: Panama, Lajas River, Chorreras Falls. Distr. — Mexico (Chiapas), Panama.
- MARONIENSE Floch & Abonnenc, 1946b:9, pls. 8-9. Type-locality: French Guiana, Sinnamary, Crique Coeur Maroni. Distr. — French Guiana.
- MARQUESTI Vargas & Díaz Nájera, 1957a: 37, figs. 29-42. Type-locality: Mexico, D.F., Desierto de los Leones. Distr. — Mexico (D.F., México, Chihuahua, Morelos). Ref. — Vargas, Martínez Palacios & Díaz Nájera, 1946:176, fig. 145.
- vandalicum* Dyar & Shannon of Vargas, 1945a: 78.
- MATTEABRANCHIA Anduze, 1947:374, fig. 1. Type-locality: Venezuela, Aragua, Colonia Tovar. Distr. — Venezuela (Aragua, Trujillo, D.F., Mérida). Ref. — Vargas & Díaz Nájera, 1948b:334, figs. 41-46.

- MEDIOVITTATUM** Knab, 1915b:77. Type-locality: U.S.A., Texas, Arlington. Distr. — U.S.A. (Texas), Mexico (Chihuahua, San Luis Potosí, Tamaulipas, Veracruz). Refs. — Vargas & Díaz Nájera, 1954:69, figs. 31-39; Vargas & Díaz Nájera, 1957b:183, 185, 187-188, 230, 254, 258, 264, figs. 343-349.
- MENCHACAI** Vargas & Díaz Nájera, 1957b:208, figs. 170-178, pl. 20bis, figs. A-B. Type-locality: Mexico, Oaxaca, San Felipe del Agua. Distr. — Mexico (Oaxaca). Ref. — Díaz Nájera & Vulcano, 1962:101, figs. 85-88.
- MERIDIONALE** Riley, 1887:513, pl. 7, figs. 2, 3a-c, 4-6, pl. 8, figs. 4, 6. Type-locality: U.S.A., Mississippi, Lake View. Distr. — U.S.A. (Mississippi, New Mexico), Mexico (Tamaulipas). Refs. — Dyar & Shannon, 1927:32, pl. 5, figs. 63a, 64, 131-132; Stone, 1952:94.
- occidentale** Townsend, 1891:107. Type-locality: U.S.A., New Mexico, Río Grande Valley.
- tamaulipense** Townsend, 1897:171. Type-locality: México, Tamaulipas.
- METALLICUM** Bellardi, 1859:13. Type-locality: "Mexico". Distr. — Mexico (México, Tamaulipas, Chiapas, Chihuahua, Colima, Durango, Guerrero, Hidalgo, Jalisco, Michoacán, Morelos, Nayarit, Nuevo León, Oaxaca, Puebla, San Luis Potosí, Sinaloa, Sonora, Tabasco, Veracruz), Guatemala (Altaverapaz, Bajaverapaz, Chimaltenango, Guatemala, Izabal, Jutiapa, Santa Rosa, Totonicapán, El Quiché, Quezaltenango, Sacatepéquez, Sololá, Retalhuleu, Zacapa, Huehuetenango, Chiquimula, Jalapa, Escuintla, El Progreso, Suchitepéquez, El Petén, San Marcos), Costa Rica, Panama (Coclé), Trinidad, Venezuela (Carabobo, Aragua, Trujillo, Anzoátegui, Mérida, Yaracuy, Lara, Cojedes, Monagas, Bolívar, Sucre, Miranda, Falcón, D.F., Maracay); Ecuador. Refs. — Fairchild, 1940:712, figs. 13, 17, 26, 38; Vargas, Martínez Palacios & Díaz Nájera, 1946:175, figs. 143, 157.
- avidum** Hoffmann, 1930a:51, figs. 1-4. Type-locality: Mexico, Chiapas, Soconusco, Finca La Granja, 700 m.
- MEXICANUM** Bellardi, 1862:6. Type-locality: Mexico, Veracruz, Tuxpán, Orizaba. Distr. — Mexico (Chiapas, México, Oaxaca, Veracruz), Guatemala (Altaverapaz, Chimaltenango, Sololá, Izabal, Huehuetenango, Escuintla, Chiquimula, Zacapa, Santa Rosa, Suchitepéquez, Quezaltenango, Guatemala), Panama (Coclé), Trinidad, Tobago I., Colombia, Venezuela (Aragua, Monagas, Miranda, Barinas), Bolivia. Refs. — Dyar & Shannon, 1927:15, fig. 46; Bequaert, 1934:216, fig. 99.
- aureopunctatum** Malloch, 1914:27. Type-locality: Guatemala, Altaverapaz, Livingston, Cacao, Trece Aguas.
- placidum** Knab, 1915a:281. Type-locality: West Indies, Trinidad, Arima River.
- lugubre** Lutz & Nuñez Tovar, 1928:46, pl. 4, fig. 2, pl. 6, fig. 6. Type-locality: Venezuela, Aragua, Maracay.
- turgidum** Hoffmann, 1930b:293, 298, 299, 300, 303, figs. 6, 13 (*Eusimulium*). Type-locality: Mexico, Chiapas, Soconusco, Finca Santa Anita.
- MICROBRANCHIUM** Dalmat, 1949:538, figs. 1-9. Type-locality: Guatemala, Sololá, Río los Arcos, near Los Encuentros. Distr. — Guatemala (Huehuetenango, Quiché, Quezaltenango, Totonicapán, Sololá). Refs. — Dalmat, 1951:50, 1955:268, figs. 8, 112-114, 232-234, 257, 314, 354, 392, 429.

- NEMORALE Edwards, 1931:152, figs. 8b, 10h-i, 13g. Type-locality: Argentina, Río Negro, L. Correntoso. Distr. — Argentina (Río Negro, Neuquén). Ref. — Vargas & Díaz Nájera, 1951:138, figs. 8-10.
- NIGRICORNIS Dalmat, 1950:148, figs. 15-21. Type-locality: Guatemala, Chimaltenango, Acatenango, Finca Tehuyá Luch, Río Laguneta. Distr. — Guatemala (Chimaltenango, Acatenango). Ref. — Dalmat, 1955: 273, figs. 115-117, 235-236, 315, 355.
- NIGRIFEMUR (Enderlein), 1936:118 (*Acropogon*). Type-locality: Chile, Cauquenes. Distr. — Chile.
- NIGRIMANUM Macquart, 1838:88 (as *nigrimana*). Type-locality: Brazil, São Paulo. Unrecognized.
- NIGRISTRIGATUM (Enderlein), 1930:88, fig. 3 (*Piernaspatha*). Type-locality: Argentina, Neuquén. Distr. — Argentina (Neuquén, Tierra del Fuego, Mendoza, Río Negro), Chile (Magallanes). Refs. — Vargas & Díaz Nájera, 1953b:142, figs. 4-11; Edwards, 1931:154.
- edwardsi* Enderlein, 1933:279 (*Acropogon*; unnecessary change of name for *nigristrigatum* of Edwards).
- NOGUEIRAI C. d'Andretta & González B., 1964:103, figs. 1-12. Type-locality: Brazil, São Paulo, Aldeinha (Estrada de Ferro Sorocabana). Distr. — Brazil (São Paulo).
- OBESUM Vulcano, 1959a:351, figs. 1-44. Type-locality: Brazil, São Paulo, Serra da Bocaina, Fazenda do Bonito. Distr. — Brazil (Río de Janeiro, São Paulo).
- obesum* Lutz, 1922:91. *Nomen nudum*.
- OCHOAI Vargas, Martínez Palacios & Díaz Nájera, 1946:131, figs. 49-52, 152. Type-locality: Mexico, Veracruz, Tierra Blanca. Distr. — Mexico (Veracruz). Ref. — Vargas & Díaz Nájera, 1957b:182, 187, 188, 189, 264, figs. 350-356.
- OCHRACEUM Walker, 1861:332. Type-locality: "Mexico". Distr. — Mexico (Chiapas, Oaxaca, Veracruz), Guatemala (Altaverapaz, Bajaverapaz, Guatemala, Quezaltenango, El Progreso, Chimaltenango, Sololá, Santa Rosa, Jutiapa, Escuintla, Suchitepéquez, Sacatepéquez, El Petén, Huehuetenango, El Quiché, Chiquimula, Jalapa, Retalhuleu, San Marcos), Panama (Coclé, Colón), Jamaica, Colombia, Venezuela (Aragua, Mérida, Trujillo, Miranda), Ecuador, Bolivia. Refs. — Hoffmann, 1931:217, figs. 3-5, 12, 14-15; Fairchild, 1940:706, figs. 6, 11, 23, 35.
- rubrithorax* Lutz of Lutz & Nuñez Tovar, 1928: pl. 6, fig. 2 (part).
- lutianum* Pinto, 1931:748, figs. 39-40 (nom. nov. for *rubrithorax* of Lutz & Nuñez Tovar).
- OREITALE Lutz, 1910:231, figs. 35, 36, 39, 40 (nom. nov. for *nigrimanum* of Lutz). Type-locality: Brazil, São Paulo, Rio Tietê, Salto de Itapura, and Franca, Fazenda Borda do Mato; Benjamin Constant, Rio Paraíba. Distr. — Brazil (Minas Gerais, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Paraguay, Argentina (Misiones). Ref. — M.A.V. d'Andretta & C. d'Andretta, 1946:85, pls. 1-9, pl. 10, figs. 1-4.
- nigrimanum* Macquart of Lutz, 1909:137.
- brasiliense* Enderlein, 1933:284 (*Thyrsopeima*). Type-locality: "Brazil".
- paraguayense* Schrottky of Lane & Vulcano, 1943:437.
- OYAPOCKENSE Floch & Abonnenc, 1946c:4, fig. 3. Type-locality: French Guiana, Oyapock, Maripa, "près du saut Cafésoca".

- PANAMENSE Fairchild, 1940:705, figs. 12, 20, 29, 39. Type-locality Panama, Coclé, El Valle, Puente River. Distr. — Panama (Coclé, Darién), Costa Rica. Ref. — Vargas & Díaz Nájera, 1954:57, figs. 1-16.
- PARAGUAYENSE Schrottky, 1909:63. Type-locality: Paraguay, and Argentina, Alto Paraná. Distr. — Paraguay, Argentina (Misiones, Corrientes), Brazil (Bahia, Minas Gerais, Rio de Janeiro, São Paulo), Venezuela (Aragua, D.F.). Ref. — Wygodzinsky, 1953a:298, figs. 25-27, 29-36.
- PARANENSE Schrottky, 1909:63. Type-locality: Paraguay, Alto Paraná. Distr. — Paraguay.
- PARRAI Vargas, Martínez Palacios & Díaz Nájera, 1946:151, 175, figs. 98-105, 146. Type-locality: Mexico, Veracruz, Cascada de Teocelo. Distr. — Mexico (Oaxaca, Veracruz), Guatemala (Chimaltenango, Sololá). Ref. — Vargas & Díaz Nájera, 1948b:336.
- PAYNEI Vargas, 1942a:246 (nom. nov. for *mexicana* Enderlein). Type-locality: "Mexico". Distr. — Mexico (Chiapas, Colima, Durango, Guerrero, Jalisco, México, Michoacán, Morelos, Nuevo León, Oaxaca, Puebla, San Luis Potosí, Veracruz, Sinaloa), Guatemala (Chimaltenango, Santa Rosa, Totonicapán, Sacatepéquez, Huehuetenango, Jutiapa, El Quiché, Altaverapaz, Guatemala, Chiquimula). Refs. — Vargas & Díaz Nájera, 1953b:145, 1957b:232, 240, pl. C, figs. 231-238. *mexicana* Enderlein, 1934:190 (*Hemicnetha*; preocc. Bellardi, 1862). Type-locality: "Mexico".
- mathesoni* Vargas, 1943b:360, figs. 37-43. Type-locality: Mexico, Morelos, Temisco, 1400-1500 m. Ref. — Vargas, 1945a:78.
- bilimekae* Smart, 1944:132 (nom. nov. for *mexicana* Enderlein).
- acatenangoensis* Dalmat, 1951:31, figs. 1-17. Type-locality: Guatemala, Chimaltenango, Acatenango, Finca La Esperanza Pérez, Río La drillera.
- PERFLAVUM (Roubaud), 1906b:517 (*Eusimulium*). Type-locality: Brazil, São Paulo. Distr. — Brazil (Minas Gerais, Guanabara, Rio de Janeiro, São Paulo), Venezuela (Mérida). Ref. — C. d'Andretta, 1956:33, figs. 1-11.
- PERTINAX Kollar in Pohl & Kollar, 1832:19, figs. 14, 14b. Type-locality: Brazil [probably Rio de Janeiro, Guanabara]. Distr. — Brazil (Rondônia, Mato Grosso, Bahia, Rio de Janeiro, Guanabara, São Paulo, Paraná), Argentina (Misiones, Córdoba), Paraguay. Ref. — C. d'Andretta & M.A.V. d'Andretta, 1950:193, figs. 1-53.
- venustum* Say of Lutz, 1909:136 (*nec pupa*) (part).
- distinctum* Lutz of Pinto, 1931:669, fig. 5b (part).
- paraguayense* Schrottky of Pinto, 1931:715, figs. 6a, 7g, 33-34.
- lutziana* Enderlein, 1933:291 (*Trichodagmia*; preocc. Pinto, 1931). Type-locality: Paraguay, La Cordillera, San Bernardino.
- lutzianum* Enderlein of Rubzov, 1940:128.
- PHILIPPINUM Pinto, 1931:729 (nom. nov. for *tarsatum* Philippi). Type-locality: Chile, Santiago, Corral. Distr. — Chile (Santiago).
- tarsatum* Philippi, 1865:634 (preocc. Macquart, 1846). Type-locality: Chile, Santiago, Corral.
- PINTOI M.A.V. d'Andretta & C. d'Andretta, 1946:101, pl. 10, figs. 5-8, pls. 11-19. Type-locality: Brazil, São Paulo, Salto de Piracicaba. Distr. — Brazil (Minas Gerais, São Paulo). Ref. — Vargas & Díaz Nájera, 1951:137.
- guyanense* Wise of Floch & Abonnenc, 1946a: fig. 2.
- orbitale* Lutz, 1910:233 (*nec p. 231*) (part).

- orbitale* Lutz of Pinto, 1931:706 (part).
- PRODEXARGENTEUM* (Enderlein), 1936:116 (*Pternaspatha*; as *prode-x-argenteum*). Type-locality: "Upper Peru". Distr. — Peru.
- FRUINOSUM* Lutz, 1910:250, figs. 38, 41, 42. Type-locality: Brazil, Minas Gerais, Lassance, Rio das Velhas. Distr. — Brazil (Goiás, Minas Gerais, Mato Grosso, São Paulo), Venezuela (Barinas), Paraguay. Ref. — Vulcano, 1959b:33, figs. 1-117.
- PSEUDOCALLIDUM* Díaz Nájera, 1965:25, figs. 1-31. Type-locality: Mexico, México, Avándaro, Valle de Bravo, 1800 m. Distr. — Mexico (Chiapas, México, Oaxaca).
- PUGETENSE* (Dyar & Shannon), 1927:23, figs. 121-123 (*Eusimulium*). Type-locality: U.S.A., Washington, Seattle. Distr. — U.S.A. (Washington), Mexico (Durango). Ref. — Vargas & Díaz Nájera, 1957b:164, 165, 231, 262, pl. B, figs. 54-64.
- PUIGI* Vargas, Martínez Palacios & Díaz Nájera, 1946:153, figs. 106-109. Type-locality: Mexico, Chiapas, Mariscal, Aldea El Oriente, 2350 m. Distr. — México (Chiapas, Veracruz, Oaxaca). Ref. — Vargas & Díaz Nájera, 1957b:191, 192, 194, 196, 199, 230, 252, 261, 264, figs. 479-485.
- PULCHRUM* Philippi, 1865:633. Type-locality: Chile, Santiago. Distr. — Chile (Santiago).
- PULVERULENTUM* Knab, 1914a:177. Type-locality: British Honduras, Punta Gorda. Distr. — Mexico (Chiapas, Guerrero, Hidalgo, Michoacán, Nayarit, Oaxaca, San Luis Potosí, Veracruz), Guatemala (Chimaltenango, Escuintla, Huehuetenango, Izabal, Jutiapa, Progreso, Retalhuleu, San Marcos, Santa Rosa, Sololá, Suchitepéquez, Zacapa, Chiquimula), British Honduras, El Salvador, Panama, Venezuela (Miranda, Anzoátegui, D.F.). Ref. — Vargas & Díaz Nájera, 1957b:256, figs. 239-246.
- PUNCTATVENTRIS* (Enderlein), 1936:118 (*Acropogon*). Type-locality: Central Chile, Cortoderal. Distr. — Chile.
- QUADRIFIDUM* Lutz, 1917:66. Type-locality: Brazil, Rondônia, Estrada de Ferro Madeira-Mamoré. Distr. — Brazil (Rondônia). Ref. — Lutz, 1910:255, figs. 31-32 (as *amazonicum*).
- amazonicum* Goeldi of Lutz, 1910:255, figs. 31-32.
- QUADRISTRIGATUM* Enderlein, 1933:285. Type-locality: Brazil, Paraná. Distr. — Brazil (Paraná), Paraguay. Ref. — Enderlein, 1936:123 (*Psaroniocompsa*).
- QUADRIVITTATUM* Loew, 1862:56. Type-locality: "Cuba". Distr. — Mexico (Campeche, Chiapas, Oaxaca, Puebla, Veracruz), Cuba, Costa Rica, Jamaica, Puerto Rico, Panama (Canal Zone), Venezuela (Trujillo, Falcón), Ecuador (Pichincha, Los Ríos). Refs. — Vargas, 1945a: 79, pl. 12, figs. 1-4; Vargas & Díaz Nájera, 1957b:162, 163, 164, 211-212, 238, 252, 255, 262, figs. 37-44; Bradt, 1932:77, figs. 1-5.
- metallicum* Bellardi of Malloch, 1914:49, pl. 6, fig. 4.
- quadrivittatum* Loew of Malloch, 1914:61.
- mallochi* Enderlein, 1925:208 (*Wilhelmia*; nom. nov. for *quadrivittatum* of Malloch).
- haematopotum* Malloch of Fairchild, 1940:714, figs. 2, 16, 27, 33.
- fairchildi* Vargas, 1942b:458 (nom. nov. for *haematopotum* of Malloch).
- RIVETI* Roubaud, 1906c:107. Type-locality: Ecuador, Napo. Distr. —

- Ecuador (Imbabura, Pichincha, Tungurahua, Chimborazo, Napo). Refs. — Wygodzinsky, 1953b:332, figs. 74-89; León & Wygodzinsky, 1953:277.
- ROMANAI Wygodzinsky, 1951c:229, figs. 51, 53-97 (as *romañai*). Type-locality: Argentina, Tucumán, Cerro San Javier, Parque Aconquija. Distr. — Argentina (Tucumán, Salta).
- ROROTAENSE Floch & Abonnenc, 1946b:4, pls. 4-7. Type-locality: French Guiana, Plateau Rorota. Distr. — French Guiana.
- RUBRITHORAX Lutz, 1909:132. Type-locality: Brazil, São Paulo, Serra da Bocaina, [Fazenda do Bonito], 1500 m, and Batatais. Distr. — Venezuela (Aragua, Yaracuy, Mérida, Miranda), Brazil (Minas Gerais, Rio de Janeiro, São Paulo), Argentina (Misiones). Ref. — Vulcano, 1958:227, figs. 1-50.
- RUIZI Vargas & Díaz Nájera, 1948b:330, figs. 37-40. Type-locality: Mexico, Veracruz, Tequila. Distr. — Mexico (México, Oaxaca, Veracruz). Ref. — Vargas & Díaz Nájera, 1957b:191, 193, 195, 197-198, 235, 252, 261, 265, figs. 486-492.
- SAMBONI Jennings, 1915:199. Type-locality: Panama, Canal Zone, Empire, Comacho River. Distr. — Mexico (Chiapas, Tabasco, Oaxaca, Veracruz), Guatemala (El Petén, San Marcos, Sololá, Totonicapán, Escuintla, Altaverapaz, Santa Rosa), British Honduras, Panama (Canal Zone, Chucumaque, Panama, Coclé), Venezuela (Maracay, Miranda). Refs. — Vargas & Díaz Nájera, 1948b:343, figs. 60-61, 1954:62; Dalmat, 1955:151, figs. 40-42, 157-159, 264, 289, 329, 369, 406.
- colvini* Dalmat, 1952:344. Type-locality: Guatemala, San Marcos, "in a stream between Malacatán and Ayutla".
- SANGUINEUM Knab, 1915:279. Type-locality: Colombia, Boca de Arquia, Río Atrato. Distr. — Panama (Darién), Venezuela (Anzoategui, Mérida, Amazonas), Colombia, British Guiana.
- SCHOENEMANNI (Enderlein), 1933:277 (*Acropogon*). Type-locality: Chile, Cauquenes. Distr. — Chile.
- SCUTELLATUM (Lane & Porto), 1940:192, figs. 10-13 (*Eusimulium*). Type-locality: Colombia, Restrepo. Distr. — Colombia, Venezuela, Brazil (São Paulo). Ref. — Lane & Vulcano, 1943:434, fig. 6.
- SCUTISTRIATUM Lutz, 1909:133. Type-locality: Brazil, Rio de Janeiro, Itaguaí and Duque de Caxias, Xerém. Distr. — Brazil (Goiás, Minas Gerais, Rio de Janeiro, São Paulo). Ref. — Lane & Vulcano, 1943:436, fig. 17.
- SERIATUM Knab, 1914c:84. Type-locality: Peru, Santa Eulalia, Chosica. Distr. — Peru.
- SICUANI Smart, 1944:135 (nom. nov. for *limbatum* Enderlein, 1933). Type-locality: Peru, Sicuaní, Calca, Valley of Lares, Rosalina, Río Urubamba. Distr. — Peru.
- limbatum* Enderlein, 1933:282 (*Ectemnaspis*; preocc. Knab, 1915; Enderlein, 1921). Type-locality: Peru, Sicuaní, Calca, Valley of Lares, Rosalina, Río Urubamba.
- incaicum* Vargas, 1945b:4 (nom. nov. for *limbatum* Enderlein, 1933).
- SIMPLICICOLOR Lutz, 1910:251, figs. 37, 43. Type-locality: Brazil, Rondônia, Estrada de Ferro Madeira-Mamoré. Distr. — Brazil (Rondônia).
- hebeticolor* Lutz, 1910:267 (error).
- SMARTI Vargas, 1946:330, figs. 1-4. Type-locality: Mexico, Chiapas, Finca El Vergel, Arroyo El Rubí, 1000 m. Distr. — Mexico (Chiapas, Oaxa-

- ca), Guatemala (Chimaltenango, Huehuetenango, Sololá, Suchitepéquez, Sacatepéquez, El Quiché). Ref. — Dalmat, 1955:199, figs. 67-69, 187-189, 243, 299, 339, 377, 414.
- SOLARI Stone, 1948:402, figs. 2, 4, 6, 8, 10. Type-locality: U.S.A., Texas, San Sabas River, Menard County. Distr. — U.S.A. (Texas, New Mexico), Mexico (México, Nuevo León, San Luis Potosí, Tamaulipas). Ref. — Vargas & Díaz Nájera, 1957b:175, 176, 178, 180, figs. 255-262.
- virgatum* Coquillett of Stains & Knowlton, 1943:274.
- virgatum* Coquillett of Vargas, Martínez Palacios & Díaz Nájera, 1946:180, figs. 161-162.
- SPADICIDORSUM (Enderlein), 1934:194 (*Trichodagmia*). Type-locality: Brazil, São Paulo. Distr. — Brazil (São Paulo).
- SPINIBRANCHIUM Lutz, 1910:248, 263-264, fig. 13. Type-locality: Brazil, São Paulo, Anhembi, Rio Tietê; Minas Gerais, Lassance. Distr. — Brazil (Minas Gerais, São Paulo).
- subpallidum* Lutz, 1910:247, 263, 264. Type-locality: Brazil, São Paulo, Anhembi, Rio Tietê and Minas Gerais, Lassance (part).
- SPINIFER Knab, 1914c:81. Type-locality: Peru, Cañon de Verrugas. Distr. — Peru, Ecuador. Ref. — Vargas & Díaz Nájera, 1951:153, figs. 66-69.
- STRIGATUM (Enderlein), 1933:289 (*Trichodagmia*). Type-locality: Peru, Mamara, Rosalina, Río Urubamba. Distr. — Peru.
- STRIGIDORSUM (Enderlein), 1933:279 (*Acropogon*). Type-locality: Peru, Juliaca. Distr. — Peru.
- STRIGINOTUM (Enderlein), 1933:284 (*Thyrsopelma*). Type-locality: Bolivia, Mapiri, Sarampiuni. Distr. — Bolivia.
- SURCLAVIBRANCHIUM Lutz, 1910:260, fig. 33. Type-locality: Brazil, Rondônia, Estrada de Ferro Madeira-Mamoré. Distr. — Brazil (Rondônia).
- SUBNIGRUM Lutz, 1910:239, fig. 7. Type-locality: Brazil, São Paulo, Rio Pacaembu and Rio Anhangabaú; Rio de Janeiro, Mendes and Petrópolis. Distr. — Trinidad, Venezuela (D.F., Miranda, Bolívar), Colombia, Brazil (Rio de Janeiro, São Paulo, Paraná). Refs. — Lane & Vulcano, 1943:138, fig. 18; Porto, 1940:383.
- SUBPALLIDUM Lutz, 1910:247, fig. 13 (part). Type-locality: Brazil, São Paulo, Anhembi, Rio Tietê; Minas Gerais, Benjamin Constant, Lassance. Distr. — Brazil (Minas Gerais, São Paulo).
- TARSALIS Williston, 1896:268, figs. 25, 25a. Type-locality: West Indies, St. Vincent. Distr. — West Indies (St. Vincent, Guadeloupe). Ref. — Floch & Abonnenc, 1946b:20, pl. 10.
- pulchrum* Philippi of Johannsen, 1903:376.
- clavipes* Malloch, 1914:40, pl. 2, fig. 5. Type-locality: West Indies, Guadeloupe.
- TARSATUM Macquart, 1846:20. Type-locality: Colombia [Nouvelle Grenade]. Distr. — Colombia.
- TEMASCALENSE Díaz Nájera & Vulcano, 1962:102, figs. 85-105. Type-locality: Mexico, Michoacán, Temascal, 2800 m. Distr. — Mexico (Michoacán, Oaxaca).
- TENUIPES Knab, 1914b:21. Type-locality: Chile, Valle de Lluta. Distr. — Chile.
- TOWNSENDI Malloch, 1912:651, pl. 46, fig. 9. Type-locality: Peru, Río Charape. Distr. — Peru.



- TRAVASSOSI M.A.V. d'Andretta & C. d'Andretta, 1947b:161, figs. 49-125.
Type-locality: Brazil, Rio de Janeiro, Angra dos Reis. Distr. — Brazil (Rio de Janeiro, Guanabara, São Paulo).
botulibranchium Lutz of Pinto, 1931:688 (part).
- TRICORNIS León, 1945:68, fig. 4. Type-locality: Guatemala, Totonicapán, Sololá, María Tecún. Distr. — Mexico (Chiapas), Guatemala (Totonicapán, Sololá, Chimaltenango, Huehuetenango, San Marcos, Guatemala). Ref. — Vargas, Martínez Palacios & Díaz Nájera, 1946:155, figs. 110-116, 122, 151.
- TRIVITTATUM Malloch, 1914:25, 30, 39, 68. Type-locality: Mexico, Tamaulipas, Tampico. Distr. — U.S.A. (Texas), Mexico (Chiapas, Chihuahua, Coahuila, Colima, Guanajuato, Guerrero, Jalisco, Michoacán, Morcos, Nuevo León, Oaxaca, Puebla, San Luis Potosí, Tamaulipas, Veracruz), Guatemala (Altavcrapaz). Refs. — Dyar & Shannon, 1927:37, figs. 78-79; Vargas, Martínez Palacios & Díaz Nájera, 1946:169, fig. 127; Dalmat, 1955:156, figs. 43-45, 160, 162, 266, 290, 330.
distinctum Malloch, 1913:133 (preocc. Lutz, 1910). Type-locality: U.S.A., Texas, Devils River.
- TUBEROSUM (Lundström), 1911:14, fig. 10 (*Melusina*). Type-locality: "Lapponia". Distr. — Europe, Asia; Alaska, Canada, U.S.A. (Florida, California, Texas), Mexico (Durango). Ref. — Vargas & Díaz Nájera, 1957a:35, figs. 15-28.
- URUBAMBANUM Enderlein, 1933:286. Type-locality: Peru, Rosalina, Río Urubamba, Unini, Río Ucayali. Distr. — Peru.
- VARIANS Lutz, 1909:141. Type-locality: Brazil, São Paulo, Rio Grande, near Franca. Distr. — Brazil (São Paulo).
- VARIPES Philippi, 1865:634. Type-locality: Chile, Valdivia. Distr. — Chile (Valdivia, Llanquihue, Concepción), Argentina (Río Negro, Neuquén). Refs. — Enderlein, 1929:327, fig. 1; Vargas & Díaz Nájera, 1951:139, figs. 11-13.
- VERACRUZANUM Vargas, Martínez Palacios & Díaz Nájera, 1946:133, figs. 53-57, 155. Type-locality: Mexico, Veracruz, Río Sedcño. Distr. — Mexico (Chiapas, Colima, Durango, Jalisco, Michoacán, México, Morelos, Nayarit, Oaxaca, Veracruz), Guatemala (Chimaltenango, Guatemala, Sacatepéquez, Escuintla, Santa Rosa, Altavcrapaz, Huehuetenango, El Quiché, Zacapa, Quezaltenango, Sololá, Totonicapán, Bajaverapaz, San Marcos). Refs. — Dalmat, 1955:159, figs. 46-48, 163-165, 263, 291, 331, 370, 407; Vargas & Díaz Nájera, 1957b:246, figs. 273-279.
- VERSICOLOR Lutz & Nuñez Tovar, 1928:47, pl. 4, fig. 1, pl. 6, fig. 7. Type-locality: "Venezuela". Distr. — Venezuela (Bolívar). Ref. — C. d'Andretta & M.A.V. d'Andretta, 1946:308.
- VIOLACESCENS (Enderlein), 1933:285 (*Odagmia*). Type-locality: "Mexico". Distr. — Mexico, Colombia, Venezuela (D.F.).
- VIRGATUM Coquillett, 1902:97. Type-locality: U.S.A., New Mexico, Las Vegas, Hot Springs. Distr. — U.S.A. (New Mexico), Mexico (Chiapas, Chihuahua, Jalisco, Michoacán, Oaxaca, Sinaloa, San Luis Potosí, Tabasco, Veracruz), Guatemala (Chimaltenango, Sololá, Guatemala, Sacatepéquez, Escuintla, Santa Rosa, Bajaverapaz, Huehuetenango, El Quiché, Chiquimula, Jutiapa, El Progreso, Altavcrapaz, Suchitepéquez, Totonicapán, San Marcos, Quezalte-

- nango), Panama. Refs. — Dyar & Shannon, 1927:39, figs. 82-83, 126-128; Fairchild, 1940:718, figs. 5, 7, 32; Vargas, Martínez Palacios & Díaz Nájera, 1946:105, figs. 132, 161-162.
- cinereum* Bellardi, 1859:13 (p. 100) (p. 100) (p. 100). Type-locality: Mexico, Morelia.
- tephrodes* Speiser, 1904:148 (nom. nov. for *cinereum* Bellardi).
- hippovorum* Malloch, 1914:28. Type-locality: Mexico, Chihuahua, Sierra Madre, Río Piedras Verdes.
- rubicundulum* Knab, 1914a:178. Type-locality: Mexico, Veracruz, Córdoba; U.S.A., New Mexico, Las Vegas, Hot Springs.
- chiapanense* Hoffmann, 1930b:295, figs. 2-9 (as *virgatum* ssp.). Type-locality: Mexico, Chiapas, Soconusco, Finca Santa Anita.
- VITTATUM (Zetterstedt), 1838:803 (*Simulia*). Type-locality: "Laponia". Distr. — Europe; Canada, U.S.A., Mexico (D.F., Tamaulipas). Refs. — Dyar & Shannon, 1927:28, figs. 74-75, 106-108; Vargas, 1942a:243.
- WALTERWITTMERI Wygodzinsky, 1958:129, figs. 31-48. Type-locality: Argentina, Neuquén, Paso Limay, "orilla del Río Limay". Distr. — Argentina (Neuquén).
- WOLCOTTI Fox, 1953:138, figs. 5-6, 8-10. Type-locality: Puerto Rico, Henry Barracks. Distr. — Puerto Rico.
- WOLFFHUEGELI (Enderlein), 1922:70 (*Wilhelmia*). Type-locality: Argentina, Tucumán. Distr. — Argentina (Tucumán, Salta, Jujuy, Mendoza, Neuquén, Buenos Aires). Ref. — Wygodzinsky, 1950:88, pls. 10-15.
- haarupianum* Enderlein, 1936:127 (*Trichodagmia*). Type-locality: Argentina, Mendoza.
- jujuyense* Paterson & Shannon of Vargas & Díaz Nájera, 1951:132.
- WUAYARAKA Ortiz C., 1957:163, pls. 2-3, 1 photograph. Type-locality: Venezuela, Bolívar, Auyantepuy, Río Guayaraka. Distr. — Venezuela (Bolívar).
- YEPOCAPENSE Dalmat, 1949:548, figs. 19-28. Type-locality: Guatemala, Chimaltenango, Finca Niágara, Río Sacayá, San Pedro, Yepocapa. Distr. — Mexico (Chiapas, Durango), Guatemala (Altaverrapaz, Chimaltenango, Huehuetenango, El Quiché, Suchitepéquez). Refs. — Vargas & Díaz Nájera, 1954:60; Dalmat, 1955:204, figs. 70-72, 190-192, 244, 300, 340, 378, 415.
- ardeni* Dalmat, 1953:35, figs. 1-8. Type-locality: Guatemala, Alta-verapaz, San Pedro Carcha, Río Tzunutz.
- ZEMPOALENSE Vargas, Martínez Palacios & Díaz Nájera, 1946:136, 170, figs. 58-63, 133. Type-locality: Mexico, Morelos, Lagunas de Zempoala. Distr. — Mexico (Durango, Morelos, Oaxaca, Veracruz). Ref. — Vargas & Díaz Nájera, 1957b:183, 184, 187, 188, 189, 237, 247, 260, 264, pl. B, figs. 380-386.

UNPLACED SPECIES

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INDEX

| | |
|--|-------|
| abalosi Wygodzinsky, 1958, Gigantodax | 16.2 |
| acatenangoensis Dalmat, 1951, Simulium | 16.18 |
| Acropogon Enderlein, 1933 | 16.5 |
| adolfolutzi Wygodzinsky, 1951, Simulium | 16.5 |
| aequatoriense Vargas, 1945, Simulium (error) | 16.11 |
| aequifurcatum Lutz, 1910, Simulium | 16.8 |
| aguirrei (Dalmat), 1949 (Simulium), Cnephia | 16.2 |
| albicinctum (Enderlein), 1933 (Acropogon), Simulium | 16.6 |
| albilineatum (Enderlein), 1936 (Pternaspatha), Simulium | 16.6 |
| albopictum Lane & Porto, 1940, Simulium | 16.6 |
| alticolum (Dyar & Shannon), 1927 (Eusimulium), Simulium | 16.6 |
| amazonicum Goeldi, 1905, Simulium | 16.6 |
| amazonicum Goeldi of Lutz, 1910, Simulium | 16.19 |
| anamariae Vulcano, 1962, Simulium | 16.6 |
| anduzei Vargas & Díaz Nájera, 1948, Simulium | 16.6 |
| angrense Pinto, 1931, Simulium | 16.6 |
| angustifrons (Enderlein), 1933 (Trichodagmia), Simulium | 16.15 |
| angustitarsis (Enderlein), 1933 (Trichodagmia), Simulium | 16.13 |
| annulatum Philippi, 1865, Simulium | 16.6 |
| antarcticum (Bigot), 1888 (Simulium), Gigantodax | 16.2 |
| anthracinum (Bigot), 1888 (Simulium), Austrosimulium | 16.1 |
| antillarum Jennings, 1915, Simulium | 16.6 |
| antonií Wygodzinsky, 1953, Simulium | 16.6 |
| antunesi (Lane & Porto), 1940 (Eusimulium), Simulium | 16.6 |
| aquamarense (León), 1945 (Simulium), Gigantodax | 16.2 |
| araucanium (Edwards), 1931 (Simulium), Gigantodax | 16.3 |
| ardentí Dalmat, 1953, Simulium | 16.23 |
| argentatum (Enderlein), 1936 (Thysopelma), Simulium | 16.6 |
| argus Williston, 1893, Simulium | 16.6 |
| atroparva (Edwards), 1931 (Simulium), Cnephia | 16.2 |
| atzompensis Díaz Nájera, 1962, Cnephia | 16.2 |
| aureopunctatum Malloch, 1914, Simulium | 16.16 |

| | |
|--|-------|
| aureum (Fries), 1824 (Simulia), Simulium | 16.7 |
| auripellitum Enderlein, 1933, Simulium | 16.7 |
| auristriatum Lutz, 1910, Simulium | 16.7 |
| Austrosimulium Tonnoir, 1925 | 16.1 |
| avidum Hoffmann, 1930, Simulium | 16.16 |
| ayrosai Vargas, 1945, Simulium | 16.7 |
| | |
| balense Pinto, 1931, Simulium | 16.7 |
| barbatipes (Enderlein), 1933 (Acropogon), Simulium | 16.7 |
| benjamini Dalmat, 1952, Simulium | 16.7 |
| bicoloratum Malloch, 1913, Simulium | 16.7 |
| bilmekae Smart, 1944, Simulium | 16.18 |
| bipunctatum Malloch, 1912, Simulium | 16.10 |
| bivittatum Malloch, 1914, Simulium | 16.7 |
| bolivianum Enderlein, 1925, Gigantodax | 16.3 |
| bonorinorum Coscarón & Wygodzinsky, 1962, Gigantodax | 16.3 |
| botulibranchium Lutz, 1910, Simulium | 16.7 |
| botulibranchium Lutz of Pinto, 1931, Simulium | 16.22 |
| boydi León, 1945, Simulium | 16.13 |
| brachycladum Lutz & Pinto, 1931, Simulium | 16.7 |
| brasilense (Enderlein), 1933 (Thysopelma), Simulium | 16.17 |
| brevifurcatum Lutz, 1910, Simulium | 16.8 |
| bricenoi Vargas, Martínez Palacios & Díaz Nájera, 1946, Simulium | 16.8 |
| brophyi (Edwards), 1931 (Simulium), Gigantodax | 16.3 |
| burchi Dalmat, 1951, Simulium | 16.8 |
| bustosi Vargas, Martínez Palacios & Díaz Nájera, 1946, Simulium | 16.8 |
| Eyssodon Enderlein, 1925 | 16.5 |
| | |
| callidum (Dyar & Shannon), 1927 (Eusimulium), Simulium | 16.8 |
| canadense Hearle, 1932, Simulium | 16.8 |
| canadense Hearle of Vargas, 1943, Simulium | 16.11 |
| capricorne León, 1945, Simulium | 16.8 |
| carolinae León, 1945, Simulium | 16.8 |
| catarinense Pinto, 1931, Simulium | 16.8 |
| cauchense Floch & Abonnenc, 1946, Simulium | 16.8 |
| chalcocoma Knab, 1914, Simulium | 16.9 |
| chalcocomense Vargas, 1945, Simulium (error) | 16.9 |
| chapanense Hoffmann, 1930, Simulium | 16.23 |
| chilense (Philippi), 1865 (Simulium), Gigantodax | 16.3 |
| chilianum Philippi, 1864, Simulium | 16.9 |
| Chirostilbia Enderlein, 1921 | 16.4 |
| cinereum Bellardi, 1859, Simulium | 16.23 |
| clarki Fairchild, 1940, Simulium | 16.9 |
| clavibranchium Lutz, 1910, Simulium | 16.9 |
| clavipes Malloch, 1914, Simulium | 16.21 |
| Cnephia Enderlein, 1921 | 16.2 |
| coffae Vargas, 1945, Simulium | 16.11 |
| colvini Dalmat, 1952, Simulium | 16.20 |
| contrerense Díaz Nájera & Vulcano, 1962, Simulium | 16.9 |
| costalimai Vargas, Martínez Palacios & Díaz Nájera, 1946, Simulium | 16.9 |
| costaricense Vargas, 1945, Simulium (error) | 16.9 |
| costaricense Smart, 1944, Simulium | 16.9 |
| | 16.37 |

| | |
|--|-------|
| <i>cruxi</i> d'Andretta & d'Andretta, 1947, Lutzsimulium | 16.4 |
| <i>Cryptectemnia</i> Enderlein, 1936 | 16.5 |
| <i>cuneatum</i> (Enderlein), 1936 (<i>Psaroniocompsa</i>), Simulium | 16.9 |
| <i>dalmati</i> Vargas & Díaz Nájera, 1948, Simulium | 16.9 |
| <i>dandrettai</i> Vargas, Martínez Palacios & Díaz Nájera, 1946, Simulium | 16.9 |
| <i>Dasypelmoza</i> Enderlein, 1933 | 16.5 |
| <i>deagostinii</i> Coscarn & Wygodzinsky, 1962, Simulium | 16.9 |
| <i>delatorrei</i> Dalmat, 1950, Simulium | 16.9 |
| <i>deleoni</i> Vargas, 1945, Simulium | 16.9 |
| <i>delpontei</i> Paterson & Shannon, 1927, Simulium | 16.11 |
| <i>delponteianum</i> Wygodzinsky, 1961, Simulium | 16.10 |
| <i>díazi</i> León, 1945, Simulium | 16.7 |
| <i>díaznajerai</i> Vargas, 1943, Simulium | 16.10 |
| <i>dinellii</i> (Joan), 1912 (<i>Melusina</i>), Simulium | 16.10 |
| <i>dissimilis</i> (Edwards), 1931 (Simulium), <i>Cnephia</i> | 16.2 |
| <i>distinctum</i> Lutz, 1910, Simulium | 16.10 |
| <i>distinctum</i> Malloch, 1913, Simulium | 16.22 |
| <i>distinctum</i> Lutz of Pinto, 1931, Simulium | 16.18 |
| <i>diversibranchium</i> Lutz, 1910, Simulium | 16.10 |
| <i>diversifurcatum</i> Lutz, 1910, Simulium | 16.10 |
| <i>donovani</i> Vargas, 1943, Simulium | 16.7 |
| <i>downsi</i> Vargas, Martínez Palacios & Díaz Nájera, 1946, Simulium | 16.10 |
| <i>dugesi</i> Vargas, Martínez Palacios & Díaz Nájera, 1946, Simulium | 16.10 |
| <i>earlei</i> Vargas, Martínez Palacios & Díaz Nájera, 1946, Simulium | 16.11 |
| <i>earli</i> Vargas & Díaz Nájera, 1957, Simulium (error) | 16.11 |
| <i>Ectemnaspis</i> Enderlein, 1933 | 16.5 |
| <i>ecuadoriense</i> (Enderlein), 1934 (<i>Trichodagmia</i>), Simulium | 16.11 |
| <i>edwardsi</i> (Enderlein), 1933 (<i>Acropogon</i>), Simulium | 16.17 |
| <i>enciso</i> Vargas & Díaz Nájera, 1949, Simulium | 16.11 |
| <i>equadoriense</i> León & Wygodzinsky, 1953, Simulium (error) | 16.11 |
| <i>escomeli</i> Roubaud, 1906, Simulium | 16.11 |
| <i>estevezi</i> Vargas, 1945, Simulium | 16.11 |
| <i>ethelae</i> Dalmat, 1950, Simulium | 16.11 |
| <i>Eusimulium</i> Roubaud, 1906 | 16.4 |
| <i>exiguum</i> Roubaud, 1906, Simulium | 16.11 |
| <i>exiguum</i> Roubaud of Knab, 1913, Simulium | 16.12 |
| <i>exiguum</i> Roubaud of Lutz, 1910, Simulium | 16.6 |
| <i>fatrchildi</i> Vargas, 1942, Simulium | 16.19 |
| <i>fulcatum</i> (Enderlein), 1929 (<i>Friesia</i>), Simulium | 16.11 |
| <i>femineum</i> (Edwards), 1931 (Simulium), <i>Gigantodax</i> | 16.3 |
| <i>figuroa</i> Smart, 1944, Simulium | 16.11 |
| <i>flavifemur</i> (Enderlein), 1921 (<i>Chirostilbia</i>), Simulium | 16.11 |
| <i>flavipictum</i> Knab, 1914, Simulium | 16.12 |
| <i>flavopictum</i> Pinto, 1931, Simulium (error) | 16.12 |
| <i>flavopubescens</i> Lutz, 1910, Simulium | 16.12 |
| <i>freemani</i> Vargas & Díaz Nájera, 1949, Simulium | 16.12 |
| <i>Friesia</i> Enderlein, 1922 | 16.5 |
| <i>fulvescens</i> (Blanchard), 1852 (Simulium), <i>Gigantodax</i> | 16.3 |
| <i>ganalesense</i> Vargas, Martínez Palacios & Díaz Nájera, 1946, Simulium | 16.12 |



| | |
|--|-------|
| <i>ganalese</i> Nettel, 1952, <i>Simulium</i> (error) | 16.12 |
| <i>gandeatum</i> Iriarte, 1946, <i>Simulium</i> (error) | 16.12 |
| <i>gaudeatum</i> Knab, 1914, <i>Simulium</i> | 16.12 |
| <i>Gigantodax</i> Enderlein, 1925 | 16.2 |
| <i>glaucophthalmum</i> Knab, 1914, <i>Simulium</i> | 16.11 |
| <i>Gonzalesi</i> Vargas & Díaz Nájera, 1953, <i>Simulium</i> | 16.12 |
| <i>gorirossiae</i> Vargas & Díaz Nájera, 1957, <i>Simulium</i> | 16.12 |
| <i>grenieri</i> Vargas & Díaz Nájera, 1948, <i>Cnephia</i> | 16.2 |
| <i>guatemalensis</i> León, 1945, <i>Simulium</i> | 16.14 |
| <i>guerrcense</i> Vargas & Díaz Nájera, 1956, <i>Simulium</i> | 16.12 |
| <i>guianense</i> Wise, 1911, <i>Simulium</i> | 16.12 |
| <i>guttatum</i> (Enderlein), 1936 (<i>Pliodasina</i>), <i>Simulium</i> | 16.12 |
| <i>guyanense</i> Floch & Abonnenc, 1946, <i>Simulium</i> (error) | 16.18 |
| <i>Gynangra</i> (Edwards), 1931 (<i>Simulium</i>), <i>Cnephia</i> | 16.2 |
| <i>haarupianum</i> (Enderlein), 1936 (<i>Trichodagmia</i>), <i>Simulium</i> | 16.23 |
| <i>haematopotum</i> Malloch, 1914, <i>Simulium</i> | 16.12 |
| <i>haematopotum</i> Malloch of Fairchild, 1940, <i>Simulium</i> | 16.19 |
| <i>Hearlea</i> Rubzov, 1940 (nomen nudum) | 16.5 |
| <i>Hearlea</i> Vargas, Martínez Palacios & Díaz Nájera, 1946 | 16.5 |
| <i>hebeticolor</i> Lutz, 1910, <i>Simulium</i> (error) | 16.20 |
| <i>hechti</i> Vargas, Martínez Palacios & Díaz Nájera, 1946, <i>Simulium</i> | 16.13 |
| <i>Hemicnetha</i> Enderlein, 1934 | 16.5 |
| <i>hinmani</i> Vargas, Martínez Palacios & Díaz Nájera, 1946, <i>Simulium</i> | 16.13 |
| <i>hippovorum</i> Malloch, 1914, <i>Simulium</i> | 16.23 |
| <i>hirticosta</i> (Lutz), 1909 (<i>Simulium</i>), <i>Lutzsimulium</i> | 16.4 |
| <i>hirtipes</i> Fries of Vargas, 1943, <i>Simulium</i> | 16.14 |
| <i>hirtipupa</i> Lutz, 1910, <i>Simulium</i> | 16.13 |
| <i>hoffmanni</i> Vargas, 1943, <i>Simulium</i> | 16.13 |
| <i>horcotiani</i> Wygodzinsky, 1949, <i>Gigantodax</i> | 16.3 |
| <i>huairayacu</i> Wygodzinsky, 1953, <i>Simulium</i> | 16.13 |
| <i>ignescens</i> Roubaud, 1906, <i>Simulium</i> | 16.13 |
| <i>igniculum</i> Coscarón & Wygodzinsky, 1962, <i>Gigantodax</i> | 16.3 |
| <i>inaequale</i> (Paterson & Shannon), 1927 (<i>Eusimulium</i>), <i>Simulium</i> | 16.13 |
| <i>inacicum</i> Vargas, 1945, <i>Simulium</i> | 16.20 |
| <i>inacicum</i> Lutz, 1910, <i>Simulium</i> | 16.13 |
| <i>incertum</i> Lutz, 1910, <i>Simulium</i> | 16.13 |
| <i>incrustatum</i> Lutz, 1910, <i>Simulium</i> | 16.13 |
| <i>inexorabile</i> Schrottky, 1909, <i>Simulium</i> | 16.23 |
| <i>infuscatum</i> Lutz, 1909, <i>Simulium</i> (sp. inquirenda) | 16.7 |
| <i>infuscatum</i> Lutz, 1910, <i>Simulium</i> | 16.13 |
| <i>iracoboense</i> Floch & Abonnenc, 1946, <i>Simulium</i> | 16.13 |
| <i>iriartei</i> Vargas, Martínez Palacios & Díaz Nájera, 1946, <i>Simulium</i> | 16.14 |
| <i>itaunensis</i> d'Andretta & González B., 1964, <i>Simulium</i> | 16.14 |
| <i>Jacobsi</i> Dalmat, 1953, <i>Simulium</i> | 16.14 |
| <i>Jacumbae</i> Dyar & Shannon, 1927, <i>Simulium</i> | 16.14 |
| <i>Jacumbae</i> Dyar & Shannon of Vargas, Martínez Palacios & Díaz Nájera, 1946, <i>Simulium</i> | 16.9 |
| <i>Jobbinsi</i> Vargas, Martínez Palacios & Díaz Nájera, 1946, <i>Simulium</i> | 16.14 |
| <i>Johnsoni</i> Vargas & Díaz Nájera, 1957, <i>Simulium</i> | 16.14 |
| | 16.39 |

| | |
|---|-------|
| juarezi Vargas & Díaz Nájera, 1957, Simulium | 16.14 |
| jujuyense Paterson & Shannon, 1927, Simulium | 16.14 |
| jujuyense Paterson & Shannon of Vargas & Díaz Nájera, 1951, Simulium | 16.23 |
| jundialensis d'Andretta & González B., 1964, Simulium | 16.14 |
| <i>kamloopsi</i> Hearle, 1932, Simulium | 16.7 |
| kompi Dalmat, 1951, Simulium | 16.14 |
| kuscheli Wygodzinsky, 1952, Gigantodax | 16.3 |
| lahillei (Paterson & Shannon), 1927 (Eusimulium), Simulium | 16.14 |
| Lanea Vargas, Martínez Palacios & Díaz Nájera, 1946 | 16.5 |
| lane-porteroi Smart, 1945, Simulium (error) | 16.14 |
| laneportoi Vargas, 1941, Simulium | 16.14 |
| larvispinosum León, 1948, Simulium | 16.15 |
| lassmanni Vargas, Martínez Palacios & Díaz Nájera, 1946, Simulium | 16.15 |
| laticalx (Enderlein), 1933 (Trichodagmia), Simulium | 16.15 |
| latidigitus (Enderlein), 1936 (Trichodagmia), Simulium | 16.15 |
| latitarsis (Enderlein), 1933 (Trichodagmia), Simulium | 16.9 |
| limay Wygodzinsky, 1958, Simulium | 16.15 |
| limbatum (Enderlein), 1933 (Ectemnaspis), Simulium | 16.20 |
| limbatum Knab, 1915, Simulium | 16.15 |
| longithallum Díaz Nájera & Vulcano, 1961, Simulium | 16.15 |
| lugubre Lutz & Nuñez Tovar, 1928, Simulium | 16.16 |
| lurybayae Smart, 1944, Simulium | 16.15 |
| lutzi Knab, 1913, Simulium | 16.6 |
| lutzi Malloch, 1914, Simulium | 16.6 |
| lutziiana (Enderlein), 1933 (Trichodagmia), Simulium | 16.18 |
| lutzianum Enderlein of Rubzov, 1940, Simulium | 16.18 |
| lutzianum Pinto, 1931, Simulium | 16.17 |
| Lutzsimulium d'Andretta & d'Andretta, 1947 | 16.4 |
| macca (Enderlein), 1933 (Dasypelmoza), Simulium | 16.15 |
| macca (Enderlein), 1933 (Ectemnaspis), Simulium | 16.7 |
| maccum Vargas, 1943, Simulium (error) | 16.15 |
| major Lane & Porto, 1940, Simulium | 16.15 |
| magnum Porto, 1940, Simulium (error) | 16.15 |
| mallochi (Enderlein), 1925 (Wilhelmia), Simulium | 16.19 |
| mangabeirai Vargas, 1945, Simulium | 16.15 |
| manicatum (Enderlein), 1933 (Trichodagmia), Simulium | 16.15 |
| marathrumi Fairchild, 1940, Simulium | 16.15 |
| marginale (Edwards), 1931 (Simulium), Gigantodax | 16.3 |
| maroniense Floch & Abonnenc, 1946, Simulium | 16.15 |
| marquesi Vargas & Díaz Nájera, 1957, Simulium | 16.15 |
| martinezi Vargas, 1943, Simulium | 16.10 |
| mathesoni Vargas, 1943, Simulium | 16.18 |
| matteabanchia Anduze, 1947, Simulium | 16.15 |
| mediovittatum Knab, 1915, Simulium | 16.16 |
| <i>Melusina</i> , authors | 16.4 |
| menchacai Vargas & Díaz Nájera, 1957, Simulium | 16.16 |
| mendozanum (Enderlein), 1936 (Psaroniocompsa), Simulium | 16.14 |

| | |
|--|-------|
| <i>meridionale</i> Riley, 1887, <i>Simulium</i> | 16.16 |
| <i>metallicum</i> Bellardi, 1859, <i>Simulium</i> | 16.16 |
| <i>metallicum</i> Bellardi of Malloch, 1914, <i>Simulium</i> | 16.19 |
| <i>mexicana</i> (Enderlein), 1934 (<i>Hemicnetha</i>), <i>Simulium</i> | 16.18 |
| <i>mexicanum</i> Bellardi, 1862, <i>Simulium</i> | 16.16 |
| <i>microbranchium</i> Dalmat, 1949, <i>Simulium</i> | 16.16 |
| <i>miniata</i> (Enderlein), 1933 (<i>Dasypelmoza</i>), <i>Simulium</i> | 16.10 |
| <i>miniata</i> (Enderlein), 1934 (<i>Trichodagmia</i>), <i>Simulium</i> | 16.10 |
| <i>minuscolum</i> Lutz, 1910, <i>Simulium</i> | 16.6 |
| <i>minutum</i> Surcouf & González Rincónes, 1911, <i>Simulium</i> | 16.6 |
| <i>mixensis</i> Díaz Nájera, 1962, <i>Cnephia</i> | 16.2 |
| <i>mollis</i> Vargas, 1943, <i>Simulium</i> | 16.7 |
| <i>montana</i> (Philippi), 1865 (<i>Simulium</i>), <i>Cnephia</i> | 16.2 |
| <i>montanum</i> Philippi of Lutz, 1909, <i>Lutzsimulium</i> | 16.4 |
| <i>moorei</i> (Silva Figueroa), 1917 (<i>Simulia</i>), <i>Austrosimulium</i> | 16.1 |
| <i>mooseri</i> (Dampf), 1927 (<i>Eusimulium</i>), <i>Simulium</i> | 16.8 |
| | |
| <i>nemorale</i> Edwards, 1931, <i>Simulium</i> | 16.17 |
| <i>Neosimulium</i> Rubzov, 1940 (nomen nudum) | 16.5 |
| <i>Neosimulium</i> Vargas, Martínez Palacios & Díaz Nájera, 1946 ... | 16.5 |
| <i>nigrescens</i> (Edwards), 1931 (<i>Simulium</i>), <i>Gigantodax</i> | 16.3 |
| <i>nigricornis</i> Dalmat, 1950, <i>Simulium</i> | 16.17 |
| <i>nigrifemur</i> (Enderlein), 1936 (<i>Acropogon</i>), <i>Simulium</i> | 16.17 |
| <i>nigrimanum</i> Macquart, 1838, <i>Simulium</i> | 16.17 |
| <i>nigrimanum</i> Macquart of Lutz, 1909, <i>Simulium</i> | 16.17 |
| <i>nigristrigatum</i> (Enderlein), 1930 (<i>Pternaspatha</i>), <i>Simulium</i> | 16.17 |
| <i>nitidum</i> Malloch, 1912, <i>Simulium</i> | 16.6 |
| <i>nogueirai</i> d'Andretta & González B., 1964, <i>Simulium</i> | 16.17 |
| <i>Notolepria</i> Enderlein, 1930 | 16.5 |
| | |
| <i>obesum</i> Lutz, 1922, <i>Simulium</i> (nomen nudum) | 16.17 |
| <i>obesum</i> Vulcano, 1959, <i>Simulium</i> | 16.17 |
| <i>occidentale</i> Townsend, 1891, <i>Simulium</i> | 16.16 |
| <i>ochoai</i> Vargas, Martínez Palacios & Díaz Nájera, 1946, <i>Simulium</i> .. | 16.17 |
| <i>ochraceum</i> Walker, 1861, <i>Simulium</i> | 16.17 |
| <i>ochraceum</i> Walker of Hoffmann, 1931, <i>Simulium</i> | 16.10 |
| <i>ochraceum</i> Walker of Lane & Porto, 1939, <i>Simulium</i> | 16.10 |
| <i>ochraceum</i> Walker of Malloch, 1914, <i>Simulium</i> | 16.8 |
| <i>opaliniifrons</i> (Enderlein), 1934 (<i>Psaroniocompsa</i>), <i>Simulium</i> | 16.13 |
| <i>orbitale</i> Lutz, 1910, <i>Simulium</i> | 16.17 |
| <i>orbitale</i> Lutz, 1910, <i>Simulium</i> (part) | 16.18 |
| <i>orbitale</i> Lutz of Pinto, 1931, <i>Simulium</i> | 16.19 |
| <i>oyapockense</i> Floch & Abonnenc, 1946, <i>Simulium</i> | 16.17 |
| | |
| <i>pachecolunai</i> (León), 1945 (<i>Simulium</i>), <i>Cnephia</i> | 16.2 |
| <i>panamense</i> Fairchild, 1940, <i>Simulium</i> | 16.18 |
| <i>paraguayense</i> Schrottky, 1909, <i>Simulium</i> | 16.18 |
| <i>paraguayense</i> Schrottky of Pinto, 1931, <i>Simulium</i> | 16.18 |
| <i>paranense</i> Schrottky, 1909, <i>Simulium</i> | 16.1 |
| <i>Paraustrosimulium</i> Wygodzinsky & Coscarón, 1962 | 16.18 |
| <i>parrai</i> Vargas, Martínez Palacios & Díaz Nájera, 1946, <i>Simulium</i> .. | 16.18 |
| <i>paynei</i> Vargas, 1942, <i>Simulium</i> | 16.18 |

| | |
|---|-------|
| <i>pennipunctum</i> Enderlein, 1933, <i>Gigantodax</i> | 16.3 |
| <i>perflavum</i> (Roubaud), 1906 (<i>Eusimulium</i>), <i>Simulium</i> | 16.18 |
| <i>pernigrum</i> (Lutz), 1910 (<i>Simulium</i>), <i>Lutzsimulium</i> | 16.4 |
| <i>pertinax</i> Kollar, 1832, <i>Simulium</i> | 16.18 |
| <i>pertinax</i> Kollar of Lane & Porto, 1939, <i>Simulium</i> | 16.10 |
| <i>philippianum</i> Pinto, 1931, <i>Simulium</i> | 16.18 |
| <i>pilosum</i> Lane & Porto, 1940, <i>Simulium</i> | 16.15 |
| <i>pintoi</i> d'Andretta & d'Andretta, 1946, <i>Simulium</i> | 16.18 |
| <i>placidum</i> Knab, 1915, <i>Simulium</i> | 16.16 |
| <i>Pliodasina</i> Enderlein, 1936 | 16.5 |
| <i>prodexargenteum</i> (Enderlein), 1936 (<i>Pternaspatha</i>), <i>Simulium</i> ... | 16.19 |
| <i>pruinatum</i> Lutz 1910, <i>Simulium</i> | 16.19 |
| <i>Psaroniocompsa</i> Enderlein, 1934 | 16.5 |
| <i>pseudocallidum</i> Díaz Nájera, 1965, <i>Simulium</i> | 16.19 |
| <i>pseudohaematopotum</i> Hoffmann, 1930, <i>Simulium</i> | 16.13 |
| <i>Psilopelmia</i> Enderlein, 1933 | 16.5 |
| <i>Pternaspatha</i> Enderlein, 1930 | 16.5 |
| <i>pugetense</i> (Dyar & Shannon), 1927 (<i>Eusimulium</i>), <i>Simulium</i> ... | 16.19 |
| <i>puigi</i> Vargas, Martínez Palacios & Díaz Nájera, 1946, <i>Simulium</i> .. | 16.19 |
| <i>pulehrum</i> Philippi, 1865, <i>Simulium</i> | 16.19 |
| <i>pulehrum</i> Philippi of Johannsen, 1903, <i>Simulium</i> | 16.21 |
| <i>pulverulentum</i> Knab, 1914, <i>Simulium</i> | 16.19 |
| <i>pulverulentum</i> Knab of Vargas, 1943, <i>Simulium</i> | 16.12 |
| <i>punctativentris</i> (Enderlein), 1936 (<i>Acropogon</i>), <i>Simulium</i> | 16.19 |
| <i>quadrifidum</i> Lutz, 1917, <i>Simulium</i> | 16.19 |
| <i>quadristrigatum</i> Enderlein, 1933, <i>Simulium</i> | 16.19 |
| <i>quadrivittatum</i> Loew, 1862, <i>Simulium</i> | 16.19 |
| <i>quadrivittatum</i> Fairchild of Dunn, 1934, <i>Simulium</i> | 16.13 |
| <i>quadrivittatum</i> Loew of Malloch, 1914, <i>Simulium</i> | 16.19 |
| <i>riveti</i> Roubaud, 1906, <i>Simulium</i> | 16.19 |
| <i>roblesi</i> (León), 1943 (<i>Simulium</i>), <i>Cnephia</i> | 16.2 |
| <i>romanai</i> Wygodzinsky, 1951, <i>Simulium</i> | 16.20 |
| <i>rorotaense</i> Floch & Abonnenc, 1946, <i>Simulium</i> | 16.20 |
| <i>rubicundulum</i> Knab, 1914, <i>Simulium</i> | 16.23 |
| <i>rubiginosum</i> (Enderlein), 1933 (<i>Chirostilbia</i>), <i>Simulium</i> | 16.13 |
| <i>rubrithorax</i> Lutz, 1909, <i>Simulium</i> | 16.20 |
| <i>rubrithorax</i> Lutz of Lutz & Nuñez Tovar, <i>Simulium</i> | 16.17 |
| <i>rufescens</i> (Edwards), 1931 (<i>Simulium</i>), <i>Gigantodax</i> | 16.3 |
| <i>rufidorsum</i> (Enderlein), 1936 (<i>Acropogon</i>), <i>Simulium</i> | 16.9 |
| <i>rufidorsum</i> (Enderlein), 1933 (<i>Psilopelmia</i>), <i>Simulium</i> | 16.11 |
| <i>rufinotum</i> (Edwards), 1931 (<i>Simulium</i>), <i>Gigantodax</i> | 16.3 |
| <i>ruizi</i> Vargas & Díaz Nájera, 1948, <i>Simulium</i> | 16.20 |
| <i>samboni</i> Jennings, 1915, <i>Simulium</i> | 16.20 |
| <i>samboni</i> Jennings of Dampf, 1943, <i>Simulium</i> | 16.10 |
| <i>sanguineum</i> Knab, 1915, <i>Simulium</i> | 16.20 |
| <i>sayi</i> Dyar & Shannon of Vargas, Martínez Palacios & Díaz Nájera, 1943, <i>Simulium</i> | 16.13 |
| <i>schoenemanni</i> (Enderlein), 1933 (<i>Acropogon</i>), <i>Simulium</i> | 16.20 |

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|---|-------|
| <i>scutellatum</i> (Lane & Porto), 1940 (<i>Eusimulium</i>), <i>Simulium</i> | 16.20 |
| <i>scutistriatum</i> Lutz, 1909, <i>Simulium</i> | 16.20 |
| <i>seriatum</i> Knab, 1914, <i>Simulium</i> | 16.20 |
| <i>shannoni</i> (Edwards), 1931 (<i>Simulium</i>), <i>Gigantodax</i> | 16.4 |
| <i>sicuanii</i> Smart, 1944, <i>Simulium</i> | 16.20 |
| <i>simile</i> Silva Figueroa, 1917, <i>Simulium</i> | 16.11 |
| <i>simplicicolor</i> Lutz, 1910, <i>Simulium</i> | 16.20 |
| <i>Simulia</i> , emend. | 16.4 |
| <i>Simulium</i> Latreille, 1802 | 16.4 |
| <i>smartii</i> Vargas, 1946, <i>Simulium</i> | 16.20 |
| <i>solarii</i> Stone, 1948, <i>Simulium</i> | 16.21 |
| <i>spadicidorsum</i> (Enderlein), 1934 (<i>Trichodagmia</i>), <i>Simulium</i> | 16.21 |
| <i>spinibranchium</i> Lutz, 1910, <i>Simulium</i> | 16.21 |
| <i>spinifer</i> Knab, 1914, <i>Simulium</i> | 16.21 |
| <i>strigatum</i> (Enderlein), 1933 (<i>Trichodagmia</i>), <i>Simulium</i> | 16.21 |
| <i>strigidorsum</i> (Enderlein), 1933 (<i>Acropogon</i>), <i>Simulium</i> | 16.21 |
| <i>striginotum</i> (Enderlein), 1933 (<i>Thyrsopelma</i>), <i>Simulium</i> | 16.21 |
| <i>subclavibranchium</i> Lutz, 1910, <i>Simulium</i> | 16.21 |
| <i>subnigrum</i> Lutz, 1910, <i>Simulium</i> | 16.21 |
| <i>subpallidum</i> Lutz, 1910, <i>Simulium</i> | 16.21 |
| <i>supallidum</i> Lutz, 1910, <i>Simulium</i> (part) | 16.21 |
| <i>subviride</i> Lutz & Machado, 1915, <i>Simulium</i> (nomen nudum) | 16.23 |
| <i>tamaulipense</i> Townsend, 1897, <i>Simulium</i> | 16.16 |
| <i>tarsale</i> Williston, 1896, <i>Simulium</i> | 16.21 |
| <i>tarsale</i> Williston of Floch & Abonnenc, 1946, <i>Simulium</i> | 16.12 |
| <i>tarsatum</i> Macquart, 1846, <i>Simulium</i> | 16.21 |
| <i>tarsatum</i> Philippi, 1865 <i>Simulium</i> | 16.18 |
| <i>temascalense</i> Díaz Nájera & Vulcano, 1962, <i>Simulium</i> | 16.21 |
| <i>tenuifrons</i> (Enderlein), 1936 (<i>Odagmia</i>), <i>Simulium</i> | 16.10 |
| <i>tenuipes</i> Knab, 1914, <i>Simulium</i> | 16.21 |
| <i>tephrodes</i> Speiser, 1904, <i>Simulium</i> | 16.23 |
| <i>Thyrsopelma</i> Enderlein, 1933 | 16.5 |
| <i>townsendi</i> Malloch, 1912, <i>Simulium</i> | 16.21 |
| <i>travassosi</i> d'Andretta & d'Andretta, 1947, <i>Simulium</i> | 16.22 |
| <i>Trichodagmia</i> Enderlein, 1933 | 16.5 |
| <i>tricornis</i> León, 1945, <i>Simulium</i> | 16.22 |
| <i>trivittatum</i> Malloch, 1914, <i>Simulium</i> | 16.22 |
| <i>tuberosum</i> (Lundström), 1911 (<i>Melusina</i>), <i>Simulium</i> | 16.22 |
| <i>turgidum</i> (Hoffmann), 1930 (<i>Eusimulium</i>), <i>Simulium</i> | 16.16 |
| <i>urubambanum</i> Enderlein, 1933, <i>Simulium</i> | 16.22 |
| <i>vandalicum</i> Dyar & Shannon of Vargas, 1945, <i>Simulium</i> | 16.15 |
| <i>vargasii</i> León, 1945, <i>Gigantodax</i> | 16.4 |
| <i>varians</i> Lutz, 1900, <i>Simulium</i> | 16.22 |
| <i>varipes</i> Philippi, 1865, <i>Simulium</i> | 16.22 |
| <i>venustum</i> Say of Lutz, 1909, <i>Simulium</i> | 16.18 |
| <i>veracruzianum</i> Vargas, Martínez Palacios & Díaz Nájera, 1946, <i>Simulium</i> | 16.22 |
| <i>versicolor</i> Lutz & Nuñez Tovar, 1928, <i>Simulium</i> | 16.22 |
| | 16.43 |

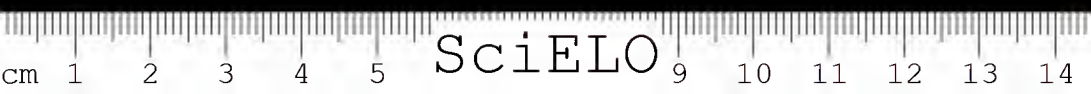
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| <i>violaseescens</i> (Enderlein), 1933 (<i>Odagmia</i>), <i>Simulium</i> | 16.22 |
| <i>virgatum</i> Coquillett, 1902, <i>Simulium</i> | 16.22 |
| <i>virgatum</i> Coquillett of Malloch, 1914, <i>Simulium</i> | 16.8 |
| <i>virgatum</i> Coquillett of Stains & Knowlton, 1943, <i>Simulium</i> | 16.21 |
| <i>virgatum</i> Coquillett of Vargas, Martínez Palacios & Díaz Nájera, 1946, <i>Simulium</i> | 16.21 |
| <i>vittatum</i> (Zetterstedt), 1838 (<i>Simulia</i>), <i>Simulium</i> | 16.23 |
| <i>walterwittmeri</i> Wygodzinsky, 1958, <i>Simulium</i> | 16.23 |
| <i>Wilhelmia</i> Enderlein, 1921 | 16.4 |
| <i>wittmeri</i> Wygodzinsky, 1951, <i>Gigantodax</i> | 16.4 |
| <i>woleotti</i> Fox, 1953, <i>Simulium</i> | 16.23 |
| <i>wolffhuegeli</i> (Enderlein), 1922 (<i>Wilhelmia</i>), <i>Simulium</i> | 16.23 |
| <i>wrighti</i> (Vargas, Martínez Palacios & Díaz Nájera), 1944 (<i>Simu- lium</i>), <i>Gigantodax</i> | 16.4 |
| <i>wuyaraka</i> Ortiz C., 1957, <i>Simulium</i> | 16.23 |
| <i>yepocapense</i> Dalmat, 1949, <i>Simulium</i> | 16.23 |
| <i>zempoalense</i> Vargas, Martínez Palacios & Díaz Nájera, 1946, <i>Simulium</i> | 16.23 |



SUPERFAMILY ANISOPODOIDEA

Family Anisopodidae





DEPARTAMENTO DE ZOOLOGIA, SECRETARIA DA AGRICULTURA, SÃO PAULO

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

17

FAMILY ANISOPODIDAE

(RHYPHIDAE, PHRYNEIDAE, SYLVICOLIDAE)

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The Anisopodidae are relatively well represented in the Neotropical region. Adults occur in small swarms or on tree trunks. Immature stages have been studied by Müller (1922) and are found in decaying organic matter. Edwards (1928) monographed the family and provided some morphological elements for the study of the male genitalia (1930). Lane & d'Andretta (1958) revised the genera *Sylvicola* (as *Anisopus*) and *Olbogaster*.

Subfamily ANISOPODINAE

Genus SYLVICOLA Harris

SYLVICOLA Harris, 1776:100. Type-species, *brevis* Harris (Coquillett, 1910:610) = *fenestralis* (Scopoli).

Phryne Meigen, 1800:16. Type-species, *Tipula fuscata* Fabricius (Coquillett, 1910:589). Suppressed by I.C.Z.N., 1963:339.

Anisopus Meigen, 1803:264. Type-species, *fuscus* Meigen (Coquillett, 1910:507) = *fuscata* (Fabricius).

Rhyphus Latreille, 1804:188. Type-species, *Tipula fenestralis* Scopoli (as *fenestrarum*; mon.).

ALBIAPEX (Lane & d'Andretta), 1958:499, figs. 6, 15 (*Anisopus*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (Território do Amapá, Rio de Janeiro, São Paulo). N. COMB.

ALBICORNIS (Edwards), 1923:487, pl. 16, fig. 6 (*Anisopus*). Type-locality: Jamaica, Cinchona. Distr. — Jamaica. N. COMB.

ANDINUS (Edwards), 1930:118, pl. 11, figs. 30-32 (*Anisopus*). Type-locality: Chile, Llanquihue, Puerto Varas. Distr. — Chile, Argentina. N. COMB.

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- ANNULIFERUS (Edwards), 1923:485, pl. 16, fig. 3 (*Anisopus*). Type-locality: Brazil, São Paulo. Distr. — Brazil (Minas Gerais and Rio de Janeiro, south to Santa Catarina). N. COMB.
- ANNULIPES (Edwards), 1919:152 (*Anisopus*). Type-locality: "Ecuador". Distr. — Ecuador. N. COMB.
- APICATUS (Edwards), 1919:151, fig. 8 (*Anisopus*). Type-locality: "Ecuador". Distr. — Ecuador. N. COMB.
- ARGENTINUS (Edwards), 1928:16 (*Anisopus*). Type-locality: Argentina, Salta, 2500 m. Distr. — Argentina. N. COMB.
- ATER (Edwards), 1919:152 (*Anisopus*). Type-locality: "Ecuador". Distr. — Ecuador. N. COMB.
- BORACEAE (Lane & d'Andretta), 1958:501, fig. 9 (*Anisopus*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (São Paulo). N. COMB.
- CAIUASI (Lane & d'Andretta), 1958:502, fig. 16 (*Anisopus*). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil (Minas Gerais, São Paulo). N. COMB.
- DOLOROSUS (Williston), 1896:298, pl. 10, fig. 74 (*Rhyphus*). Type-locality: St. Vincent, B.W.I. Distr. — St. Vincent (B.W.I.). N. COMB.
- FASCIATUS (Roeder), 1886:260 (*Rhyphus*). Type-locality: Colombia, Cordillera, Páramo, 3200 m. Distr. — Colombia. N. COMB.
- FLUMINENSIS (Lane & d'Andretta), 1958:504, figs. 4, 10 (*Anisopus*). Type-locality: Brazil, Rio de Janeiro, Teresópolis. Distr. — Brazil (Rio de Janeiro). N. COMB.
- FUSCIPENNIS (Macquart), 1838:80, pl. 11, fig. 21 (*Rhyphus*). Type-locality: "Chile". Distr. — Chile, Juan Fernandez Is. (Masafuera, Masafuera), Argentina. Refs. — Edwards, 1930:117, pl. 11, figs. 27, 29; Hennig, 1955:21. N. COMB.
- GRANDIS (Lane & d'Andretta), 1958:505, figs. 8, 14 (*Anisopus*). Type-locality: Brazil, Rio de Janeiro, Itatiaia. Distr. — Brazil (Minas Gerais, Rio de Janeiro, São Paulo). N. COMB.
- GUTTATUS (Schiner), 1868:48 (*Rhyphus*). Type-locality: "Brazil". Distr. — Brazil (Mato Grosso to Rio de Janeiro, south to Santa Catarina). N. COMB.
- HYALINUS (Lane & d'Andretta), 1958:508, figs. 3, 13 (*Anisopus*). Type-locality: Puerto Rico, Yauco-Lares Road, km 29. Distr. — Puerto Rico. N. COMB.
- INCASICUS (Lane & d'Andretta), 1958:509, fig. 17 (*Anisopus*). Type-locality: Trinidad, B.W.I. Distr. — Trinidad, Puerto Rico. N. COMB.
- INFUMATUS (Knab), 1912:112 (*Anisopus*). Type-locality: "Trinidad". Distr. — Trinidad. N. COMB.
- LUTEATUS (Edwards), 1923:487 (*Anisopus*). Type-locality: British Guiana, Mt. Roraima, 8600 feet. Distr. — British Guiana. N. COMB.

- MAJOR (Edwards), 1930:118, pl. 11, figs. 33-34 (*Anisopus*). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Chile, Argentina. N. COMB.
- MARMORATUS (Edwards), 1923:484, pl. 16, fig. 2 (*Anisopus*). Type-locality: Colombia, Bogotá. Distr. — Colombia. N. COMB.
- ORNATUS (Edwards), 1923:483, pl. 16, fig. 1 (*Anisopus*). Type-locality: "Venezuela". Distr. — Venezuela. N. COMB.
- PAUPERATUS (Edwards), 1923:485, pl. 16, fig. 5 (*Anisopus*). Type-locality: "Venezuela". Distr. — Venezuela. N. COMB.
- PICTURATUS (Knab), 1912:111 (*Anisopus*). Type-locality: Costa Rica, Cartago, 1500 m (bred from epiphytic bromeliads). Distr. — Costa Rica. N. COMB.
- QUADRIVITTATUS (Edwards), 1928:18 (*Anisopus*). Type-locality: Costa Rica, Cartago, Turrialba, 1608 m. Distr. — Costa Rica. N. COMB.
- TIBIALIS (Edwards), 1923:486 (*Anisopus*). Type-locality: Mexico, "région montagnaise des environs de Toluca". Distr. — Mexico, Costa Rica. N. COMB.
- TUCUMANUS (Lane & d'Andretta), 1958:510, figs. 7, 11 (*Anisopus*). Type-locality: Argentina, Tucumán, San Miguel de Tucumán. Distr. — Argentina. N. COMB.
- VARIPES (Curran), 1934:309 (*Rhyphus*). Type-locality: British Guiana, Bartica, Kartabo. Distr. — British Guiana. N. COMB.
- WYGODZINSKYI (Lane & d'Andretta), 1958:512, figs. 2, 12 (*Anisopus*). Type-locality: Argentina, Tucumán, Cerro de San Javier, 1000 m. Distr. — Argentina. N. COMB.

Genus CARRERAIA Corrêa

- CARRERAIA Corrêa, 1947:97. Type-species, *Olbiogaster edwardsi* Carrera (orig. des.).
- EDWARDSI (Carrera), 1941:196, figs. 1-4 (*Olbiogaster*). Type-locality: Brazil, Paraná, Curitiba. Distr. — Brazil.

Genus LOBOGASTER Philippi

- LOBOGASTER Philippi, 1865:632. Type-species, *paradoxus* Philippi (mon.).
- PARADOXUS Philippi, 1865:632, pl. 24, fig. 16. Type-locality: "Chile". Distr. — Chile. Refs. — Edwards, 1923:488, figs. 2a-b (male genitalia); Reed, 1937:26, fig. 2 (redescriptions).
- philippii* Schiner, 1868:23. Type-locality: "Chile".

Genus OLBOGASTER Osten Sacken

- OLBOGASTER Osten Sacken, 1886:20. Type-species, *Rhyphus taeniatus* Bellardi (Coquillett, 1910:579).



- ALMEIDAI Corrêa, 1946:142, figs. 1-6. Type-locality: Brazil, São Paulo, Itanhaém, Praia Grande, Fazenda Rondônia. Distr. — Brazil (Guanabara, São Paulo).
- ANTILLARUM Lane & d'Andretta, 1958:516, fig. 19. Type-locality: St. Croix I., Christiansted. Distr. — St. Croix I.
- CARIOCA Lane & d'Andretta, 1958:516, fig. 22. Type-locality: Brazil, Rio de Janeiro, Teresópolis, Parque Nacional da Serra dos Órgãos. Distr. — Brazil (Rio de Janeiro).
- CHAVANTESI Lane & d'Andretta, 1958:518, fig. 20. Type-locality: Brazil, Minas Gerais, Sapucaí-Mirim, Cidade Azul. Distr. — Brazil (Minas Gerais).
- CINCTA Kertész, 1902:4, figs. a-b. Type-locality: Peru, Callanga. Distr. — Peru (Callanga).
- COGNATA Osten Sacken, 1886:21. Type-locality: Costa Rica, Irazu. Distr. — Costa Rica, Panama (Canal Zone).
- FULVA Edwards, 1928:22. Type-locality: "Puerto Rico". Distr. — Puerto Rico.
- GUATEMALTECA Lane & d'Andretta, 1958:519. Type-locality: Guatemala, Cayuga. Distr. — Guatemala (Cayuga).
- MEXICANA Lane & d'Andretta, 1958:520. Type-locality: Mexico, Tuxtepec. Distr. — Mexico (Tuxtepec).
- PANAMENSIS Lane & d'Andretta, 1958:521, fig. 23. Type-locality: Panama, Canal Zone, Fort Kobbe. Distr. — Panama (Canal Zone).
- SACKENI Edwards, 1915:502. Type-locality: Mexico, Vera Cruz, Atoyac. Distr. — U.S.A. (Texas, Florida, South Carolina), Mexico.
- sp.* Williston, 1901:229, pl. 4, fig. 6. Locality: Mexico, Vera Cruz, Atoyac.
- SCALARIS (Wiedemann), 1830:618 (*Rhyphus*). Type-locality: Brazil, Bahia (as U.S.A., Georgia, error; cf. Edwards, 1928:23, footnote no. 1). Distr. — Brazil (Bahia, Mato Grosso, Santa Catarina), Paraguay. Ref. — Corrêa, 1946: figs. 7-8 (male genitalia).
- quinquefasciata* Enderlein, 1909:65 (*Anisopus*). Type-locality: Brazil, Santa Catarina.
- SIMILANS Lane & d'Andretta, 1958:523, fig. 26. Type-locality: Panama, Bocas del Toro, Almirante. Distr. — Costa Rica, Panama.
- SURINAMENSIS Lane & d'Andretta, 1958:524, fig. 28. Type-locality: Surinam, Moengo. Distr. — Surinam.
- TAENIATA (Bellardi), 1862:5, pl. 3, fig. 15 (1864:202) (*Rhyphus*). Type-locality: "Mexico". Distr. — U.S.A. (Texas, Florida), Mexico.
- TAMOIOI Lane & d'Andretta, 1958:524. Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil (Guanabara).
- TRINIDADENSIS Edwards, 1928:23. Type-locality: Trinidad, B.W.I. Distr. — Trinidad.

Subfamily MYCETOBIIINAE

Genus MYCETOBIA Meigen

- MYCETOBIA Meigen, 1818:229. Type-species, *pallipes* Meigen (Westwood, 1840:127).



- ?FULVA Philippi, 1865:626. Type-locality: Chile, Corral. Distr. — Chile.
 STONEI Lane & d'Andretta, 1958:527. Type-locality: Costa Rica, San Pedro de los Montes de Oca. Distr. — Costa Rica.

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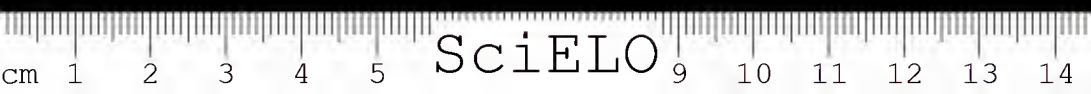
INDEX

| | |
|--|------|
| albiapex (Lane & d'Andretta), 1958 (Anisopus), Sylvicola | 17.1 |
| albicornis (Edwards), 1923 (Anisopus), Sylvicola | 17.1 |
| almeidai Corrêa, 1946, Olbiogaster | 17.4 |
| andinus (Edwards), 1930 (Anisopus), Sylvicola | 17.1 |
| Anisopodinae | 17.1 |
| Anisopus Meigen, 1803 | 17.1 |
| annuliferus (Edwards), 1923 (Anisopus), Sylvicola | 17.2 |
| annulipes (Edwards), 1919 (Anisopus), Sylvicola | 17.2 |
| antillarum Lane & d'Andretta, 1958, Olbiogaster | 17.4 |
| apicatus (Edwards), 1919 (Anisopus), Sylvicola | 17.2 |
| argentinus (Edwards), 1928 (Anisopus), Sylvicola | 17.2 |
| ater (Edwards), 1919 (Anisopus), Sylvicola | 17.2 |
| boraceae (Lane & d'Andretta), 1958 (Anisopus), Sylvicola | 17.2 |
| caiuasi (Lane & d'Andretta), 1958 (Anisopus), Sylvicola | 17.2 |
| carioca Lane & d'Andretta, 1958, Olbiogaster | 17.4 |

| | |
|---|------|
| <i>Carreraia</i> Corrêa, 1947 | 17.3 |
| <i>chavantesi</i> Lane & d'Andretta, 1958, <i>Olbiogaster</i> | 17.4 |
| <i>eineta</i> Kertész, 1902, <i>Olbiogaster</i> | 17.4 |
| <i>cognata</i> Osten Sacken, 1886, <i>Olbiogaster</i> | 17.4 |
| <i>dolorosus</i> (Williston), 1896 (<i>Rhyphus</i>), <i>Sylvicola</i> | 17.2 |
| <i>edwardsi</i> (Carrera), 1941 (<i>Olbiogaster</i>), <i>Carreraia</i> | 17.3 |
| <i>fasciatus</i> (Roeder), 1886 (<i>Rhyphus</i>), <i>Sylvicola</i> | 17.2 |
| <i>fluminensis</i> (Lane & d'Andretta), 1958 (<i>Anisopus</i>), <i>Sylvicola</i> | 17.2 |
| <i>fulva</i> Edwards, 1928, <i>Olbiogaster</i> | 17.4 |
| ? <i>fulva</i> Philippi, 1865, <i>Mycetobia</i> | 17.5 |
| <i>fuscipennis</i> (Maequart), 1838 (<i>Rhyphus</i>), <i>Sylvicola</i> | 17.2 |
| <i>grandis</i> (Lane & d'Andretta), 1958 (<i>Anisopus</i>), <i>Sylvicola</i> | 17.2 |
| <i>guatemalteca</i> Lane & d'Andretta, 1958, <i>Olbiogaster</i> | 17.4 |
| <i>guttatus</i> (Schiner), 1868 (<i>Rhyphus</i>), <i>Sylvicola</i> | 17.2 |
| <i>hyalinus</i> (Lane & d'Andretta), 1958 (<i>Anisopus</i>), <i>Sylvicola</i> | 17.2 |
| <i>ineasieus</i> (Lane & d'Andretta), 1958 (<i>Anisopus</i>), <i>Sylvicola</i> | 17.2 |
| <i>infumatus</i> (Knab), 1912 (<i>Anisopus</i>), <i>Sylvicola</i> | 17.2 |
| <i>Lobogaster</i> Philippi, 1865 | 17.3 |
| <i>luteatus</i> (Edwards), 1923 (<i>Anisopus</i>), <i>Sylvicola</i> | 17.2 |
| <i>major</i> (Edwards), 1930 (<i>Anisopus</i>), <i>Sylvicola</i> | 17.3 |
| <i>marmoratus</i> (Edwards), 1923 (<i>Anisopus</i>), <i>Sylvicola</i> | 17.3 |
| <i>mexicana</i> Lane & d'Andretta, 1958, <i>Olbiogaster</i> | 17.4 |
| <i>Mycetobia</i> Meigen, 1818 | 17.4 |
| <i>Mycetobiinae</i> | 17.4 |
| <i>Olbiogaster</i> Osten Sacken, 1886 | 17.3 |
| <i>ornatus</i> (Edwards), 1923 (<i>Anisopus</i>), <i>Sylvicola</i> | 17.3 |
| <i>panamensis</i> Lane & d'Andretta, 1958, <i>Olbiogaster</i> | 17.4 |
| <i>paradoxus</i> Philippi, 1865, <i>Lobogaster</i> | 17.3 |
| <i>pauperatus</i> (Edwards), 1923 (<i>Anisopus</i>), <i>Sylvicola</i> | 17.3 |
| <i>philippii</i> Schiner, 1868, <i>Lobogaster</i> | 17.3 |
| <i>Phryne</i> Meigen, 1800 | 17.1 |
| <i>picturatus</i> (Knab), 1912 (<i>Anisopus</i>), <i>Sylvicola</i> | 17.3 |
| <i>quadrivittatus</i> (Edwards), 1928 (<i>Anisopus</i>), <i>Sylvicola</i> | 17.3 |
| <i>quinquefasciata</i> (Enderlein), 1909 (<i>Anisopus</i>), <i>Olbiogaster</i> | 17.4 |
| <i>Rhyphus</i> Latreille, 1804 | 17.1 |
| <i>sackeni</i> Edwards, 1915, <i>Olbiogaster</i> | 17.4 |
| <i>sealaris</i> (Wiedemann), 1830 (<i>Rhyphus</i>), <i>Olbiogaster</i> | 17.4 |
| <i>similans</i> Lane & d'Andretta, 1958, <i>Olbiogaster</i> | 17.4 |
| <i>sp.</i> Williston, 1901, <i>Olbiogaster</i> | 17.4 |
| <i>stonei</i> Lane & d'Andretta, 1958, <i>Mycetobia</i> | 17.5 |
| <i>surinamensis</i> Lane & d'Andretta, 1958, <i>Olbiogaster</i> | 17.4 |
| <i>Sylvicola</i> Harris, 1776 | 17.1 |



| | |
|---|------|
| taeniata (Bellardi), 1862 (Rhyphus), Olbiogaster | 17.4 |
| tamoioi Lane & d'Andretta, 1958, Olbiogaster | 17.4 |
| tibialis (Edwards), 1923 (Anisopus), Sylvicola | 17.3 |
| trinidadensis Edwards, 1923, Olbiogaster | 17.4 |
| tucumanus (Lane & d'Andretta), 1958 (Anisopus), Sylvicola | 17.3 |
| varipes (Curran), 1934 (Rhyphus), Sylvicola | 17.3 |
| wygodzinskyi (Lane & d'Andretta), 1958 (Anisopus), Sylvicola .. | 17.3 |

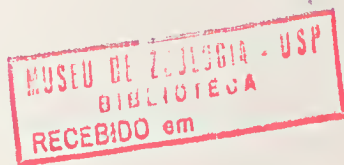




18

SUPERFAMILY BIBIONOIDEA

Family Bibionidae





SciELO

DEPARTAMENTO DE ZOOLOGIA, SECRETARIA DA AGRICULTURA, SÃO PAULO

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

18

FAMILY BIBIONIDAE *

D. ELMO HARDY

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Approximately 650 species of Bibionidae are known over the world. 169 species and 4 subspecies are now known from the Neotropical region. The genus *Dilophus* is still rather poorly known and the total number of species for the family in the region will surely be over 250. The Neotropical species belong in three subfamilies and represent eight genera.

These flies are herbivores and feed predominantly as scavengers on decaying plant material. No information is available concerning the habits or biologies of Neotropical species. The adults of *Dilophus* are often collected in flowers where they are apparently nectar feeders. *Biblio* and *Plecia* are more commonly taken hovering, during their mating swarms.

The Neotropical *Plecia* and *Penthetria* were revised by Hardy (1945).

Subfamily HESPERININAE

Genus HESPERINUS Walker

HESPERINUS Walker, 1848:81. Type-species, *brevifrons* Walker (mon.).

Spodius Loew, 1858:101. Type-species, *imbecillus* Loew (mon.).

CONJUNGENS Schiner, 1868:23. Type-locality: "Brazil". Distr. — Brazil.

Subfamily PLECIINAE

Genus PENTHETRIA Meigen

PENTHETRIA Meigen, 1803:264. Type-species, *funebis* Meigen (sub. mon., Meigen, 1804:104).

Eupeitenus Macquart, 1838a:88 (1838:84). Type-species, *Penthetria atra* Macquart (mon.) = *heteroptera* (Say).

* Published with the approval of the Director of the Hawaii Agricultural Experiment Station as Miscellaneous Paper No. 185.



- APPENDICULA Hardy, 1945:384, pl. 29, figs. 122a-c. Type-locality: Costa Rica, Volcán Poas. Distr. — Costa Rica.
- DISTINCTA Hardy, 1945:385, pl. 29, figs. 123a-b. Type-locality: Guatemala, Antigua. Distr. — Guatemala.
- HEROS Say, 1829:154. Type-locality: "Mexico". Distr. — Mexico. Ref. — Hardy, 1959:441.
- MEXICANA (Hardy), 1937:199 (*Plecia*). Type-locality: Mexico, Guadalajara. Distr. — Mexico. Ref. — Hardy, 1945:387, pl. 30, figs. 125a-b.
- NIGERRIMA (Bellardi), 1859:14 (*Plecia*). Type-locality: Mexico, Orizaba. Distr. — Mexico, Ecuador, Colombia. Ref. — Hardy, 1945:388, pl. 30, figs. 126a-b.
- NIGRITA Perty, 1830:180, pl. 36, fig. 1. Type-locality: Brazil, Piauí. Distr. — Venezuela, Colombia, Ecuador, Peru, Brazil.

Genus PLECIA Wiedemann

- PLECIA Wiedemann, 1828:72. Type-species, *Hirtea fulvicollis* Fabricius (Blanchard, 1840:576).
- Rhinoplecia* Bellardi, 1859:16. Type-species, *rostrata* Bellardi (mon.).
- Penthera* Philippi, 1865:639. Type-species, *nigra* Philippi (mon.).
- ALACRIS Curran, 1934:310. Type-locality: British Guiana, Bartica, Kartabo. Distr. — British Guiana, Paraguay. Ref. — Hardy, 1945:395, pl. 30, figs. 128a-d.
- AMERICANA Hardy, 1940:15, figs. 1a-b. Type-locality: Southern U.S.A., Florida, Pensacola. Distr. — Southern U.S.A., Mexico. Ref. — Hardy, 1945:395, pl. 30, figs. 129a-d.
- AVICEPHALIFORMA Hardy, 1940:16, figs. 2a-d. Type-locality: Brazil, Minas Gerais, Diamantina. Distr. — Brazil. Ref. — Hardy, 1945:396, pl. 30, figs. 130a-d.
- BIARMATA Hardy, 1942b:105. Type-locality: Costa Rica, Crontena. Distr. — Costa Rica. Ref. — Hardy, 1945:397, pl. 30, figs. 131a-b.
- BICOLOR Bellardi, 1859:16. Type-locality: Mexico, Cordova. Distr. — Mexico, Panama (Canal Zone). Ref. — Hardy, 1945:398, pl. 30, figs. 132a-c.
- BIFORMIS Hardy, 1942b:106. Type-locality: "Trinidad". Distr. — Trinidad. Ref. — Hardy, 1945:399, pl. 31, figs. 133a-d.
- BRAZILIANA Hardy, 1942b:106. Type-locality: Brazil, Mato Grosso. Distr. — Brazil. Ref. — Hardy, 1945:400, pl. 31, figs. 134a-c.
- COLLARIS (Fabricius), 1805:54 (*Hirtea*). Type-locality: "America meridionali". Distr. — Widespread over Neotropical region. Refs. — Hardy, 1945:401, pl. 31, figs. 135a-e; 1953:351, fig. 2a.
- thoracica* Fabricius, 1805:163 (*Laphria*). Type-locality: "America meridionali".
- CONFUSA Loew, 1848:109. Neotype-locality: Brazil, Bahia. Distr. — Widespread over Neotropical region. Refs. — Edwards, 1931a:75; Hardy, 1945:402, pl. 31, figs. 136a-d. (Change of name for *ruficollis* Fabricius).
- ruficollis* Fabricius, 1805:53 (*Hirtea*) [nec *ruficollis* Fabricius, 1781:410 (*Tipula*)]. Type-locality: "America meridionali".

- COSTALIS* Wiedemann, 1830:618. Type-locality: Brazil, São Paulo (?), Caçapava ["Cassapawa im inneren Brasilien"]. Distr. — Brazil. Ref. — Hardy, 1945:404.
- CURVISTYLATA* Hardy, 1942b:107. Type-locality: Mexico, Cuernavaca. Distr. — Mexico. Ref. — Hardy, 1945:405, pl. 31, figs. 137a-d.
- DENTATA* Hardy, 1942b:107. Type-locality: Nicaragua, Chontales. Distr. — Nicaragua. Ref. — Hardy, 1945:405, pl. 31, figs. 138a-d.
- DISCOLOR* Wulp, 1881:143. Type-locality: "Argentina". Distr. — Argentina. Ref. — Hardy, 1945:406.
- DISPARIS* Hardy, 1942b:108. Type-locality: Colombia, Upper Putumayo River. Distr. — Colombia. Ref. — Hardy, 1945:406, pl. 31, figs. 139a-b.
- ECUADORENSIS* *ECUADORENSIS* Hardy, 1942b:108. Type-locality: "Ecuador". Distr. — Ecuador, Colombia. Ref. — Hardy, 1945:406-407, pl. 32, figs. 140a-c.
- ssp. *MICANS* Hardy, 1942b:108. Type-locality: Ecuador, Guayaquil. Ref. — Hardy, 1945:407, pl. 32, figs. 141a-b.
- EDWARDSI* Hardy, 1940:17, figs. 3a-b. Type-locality: Brazil, Rio de Janeiro, Angra dos Reis, Jussara. Distr. — Brazil. Ref. — Hardy, 1945:408, pl. 32, figs. 142a-b.
- FEMORATA* Macquart, 1838a:86. Type-locality: "Brazil". Distr. — Brazil.
- FUNEBRIS* (Fabricius), 1805:54 (*Hirtea*). Type-locality: "America meridional". Distr. — Supposedly widespread over the Neotropical region. Ref. — Hardy, 1959:446.
- GIBBOSA* Hardy, 1942b:109. Type-locality: Paraguay, San Bernardino. Distr. — Paraguay, Argentina. Ref. — Hardy, 1945:409, pl. 32, figs. 143a-c.
- GRISEA* Edwards, 1938:322. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil, Argentina. Refs. — Hardy, 1945:410, pl. 32, figs. 144a-b; 1953:353, fig. 3a.
- IMPENSA* Hardy, 1957:238, figs. 1-2. Type-locality: "Mexico". Distr. — Mexico. Ref. — Hardy, 1961:86, figs. 3a-c.
- IMPERIALIS* Schiner, 1868:22. Type-locality: "Colombia". Distr. — Colombia. Refs. — Hardy, 1945:411, figs. 145a-b; 1956:86. (First available name for *costalis* Walker).
- costalis* Walker, 1858:422. (nec Wiedemann, 1830:618).
- IMPILOSA* Hardy, 1940:17, figs. 4a-b. Type-locality: Brazil, Mato Grosso. Distr. — Brazil. Ref. — Hardy, 1945:412, pl. 33, figs. 146a-b.
- INCURVATA* Hardy, 1942b:110. Type-locality: Guadeloupe (W.I.). Distr. — West Indies. Ref. — Hardy, 1945:413, pl. 33, figs. 147a-c.
- LATERALIS* Hardy, 1940:18, figs. 5a-c. Type-locality: Mexico, Hidalgo, San Miguel. Distr. — Mexico. Ref. — Hardy, 1945:413, pl. 33, figs. 148a-c.
- LINDNERI* Edwards, 1931a:75. Type-locality: Bolivia, Santa Cruz de la Sierra, El Cairo. Distr. — Bolivia, Peru, Brazil. Refs. — Hardy, 1945:414, pl. 33, figs. 149a-c; 1961:90.
- LOPESI* Hardy, 1940:19, figs. 6a-c. Type-locality: Brazil, São Paulo. Distr. — Brazil. Ref. — Hardy, 1945:415, pl. 33, figs. 150a-c.



- MACULATA Hardy, 1942b:110. Type-locality: Trinidad, Mayaro, East Coast-Distr. — West Indies. Ref. — Hardy, 1945:416, pl. 33, figs. 151a-b.
- MARGINATA Edwards, 1920:148. Type-locality: Ecuador, Tulcan. Distr. — Ecuador. Ref. — Hardy, 1945:417.
- MAURA Walker, 1837:336. Type-locality: Brazil, Minas Gerais. Distr. — Brazil, Argentina. Ref. — Hardy, 1945:417, pl. 33, figs. 152a-d.
- velutina* Macquart, 1846:21. Type-locality: Brazil, Minas Gerais.
- NEARCTICA Hardy, 1940:20, figs. 7a-c. Type-locality: U.S.A., Texas, Galveston. Distr. — Southern U.S.A., Mexico, Costa Rica, Guatemala, Honduras. Ref. — Hardy, 1945:418, pls. 33-34, figs. 153a-c.
- NIGRA NIGRA (Philippi), 1865:639 (*Penthera*). Type-locality: Chile, "prope Corral". Distr. — Chile. Ref. — Hardy, 1945:419, pl. 34, figs. 154a-c.
- ssp. ARGENTINA Hardy, 1953:353, fig. 4a. Type-locality: Argentina, El Infernillo. Distr. — Argentina.
- NITIDICOLLIS Edwards, 1931b:260. Type-locality: Brazil, Paraná, Castro. Distr. — Brazil. Ref. — Hardy, 1945:420, pl. 34, figs. 155a-c.
- NITIDIPEDES Edwards, 1920:147. Type-locality: Ecuador, Casitagua. Distr. — Ecuador. Ref. — Hardy, 1945:421, pl. 34, figs. 156a-d.
- PANAMAENSIS Hardy, 1942b:111. Type-locality: Panama, Canal Zone, Gatun Lake. Distr. — Panama. Ref. — Hardy, 1945:422, pl. 34, figs. 157a-d.
- PARACOLLARIS Hardy, 1961:88, figs. 4a-d. Type-locality: Colombia, Buenaventura. Distr. — Colombia.
- PARVISTYLATA Hardy, 1942b:112. Type-locality: Guatemala, Antigua. Distr. — Guatemala. Ref. — Hardy, 1945:423, pl. 34, figs. 158a-b.
- PERPLEXA Hardy, 1942b:112. Type-locality: "Cuba". Distr. — Cuba, Trinidad (W.I.), Argentina. Ref. — Hardy, 1945:423, pl. 34, figs. 159a-d.
- PERSIMILIS Hardy, 1940:21, figs. 8a-c. Type-locality: Brazil, São Paulo. Distr. — Brazil. Ref. — Hardy, 1945:424, pl. 35, figs. 160a-e.
- PERTINENS Hardy, 1942b:112. Type-locality: Mexico, Guerrero, Venta de Zopilote. Distr. — Mexico, Guatemala, Honduras. Ref. — Hardy, 1945:425, pl. 35, figs. 161a-g.
- PERUVIANA Hardy, 1961:89, figs. 5a-b. Type-locality: Peru, Chanchamayo. Distr. — Peru.
- PICTIPENNIS Edwards, 1931b:260. Type-locality: Brazil, Paraná, Castro. Distr. — Brazil. Ref. — Hardy, 1945:426, pl. 35, figs. 162a-c.
- var. *rufovittata* Edwards, 1938:323. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Ref. — Hardy, 1945:427.
- PLAGIATA Wiedemann, 1824:11. Type-locality: "Brazil". Distr. — Widespread throughout the Neotropical region. Refs. — Hardy, 1945:427, pl. 35, figs. 163a-d; 1953:355, fig. 5a.
- heteroptera* Macquart, 1846:21. Type-locality: Colombia, Santa Fe de Bogotá.
- vittata* Bellardi (nec Wiedemann), 1862:4.
- bellardii* Townsend, 1912:289.
- PLATYSTILA Hardy, 1957:239, figs. 3-4. Type-locality: "Venezuela". Distr. — Venezuela.

- PRUINOSA Hardy, 1940:22, figs. 9a-b. Type-locality: Cuba, Pico Turquino. Distr. — Cuba, Jamaica. Ref. — Hardy, 1945:428, pl. 35, figs. 164a-b.
- PUNCTULATA Hardy, 1940:23, figs. 10a-b. Type-locality: Brazil, Minas Gerais, Diamantina. Distr. — Brazil. Ref. — Hardy, 1945:429, pl. 35, figs. 165a-b.
- QUADRIVITTATA Williston, 1900:222. Type-locality: Mexico, Guerrero, Rincon. Distr. — Mexico. Ref. — Hardy, 1945:430, pl. 36, figs. 166a-c.
- QUASIMACULATA Hardy, 1961:90, figs. 6a-c. Type-locality: "Haiti". Distr. — Haiti.
- RECTIORA Hardy, 1942b:113. Type-locality: Brazil, Maranhão, São Luiz Ricamar. Distr. — Brazil, Paraguay. Ref. — Hardy, 1945:431, pl. 36, figs. 167a-c.
- ROSTELLATA Loew, 1858:109. Type-locality: "Brazil". Distr. — Widespread in the Neotropical region, apparently more common in Brazil and Argentina. Refs. — Hardy, 1945:432, pl. 36, figs. 168a-d; 1953:356.
- rostrata* Bellardi, 1859:15.
- RUFIMARGINATA Hardy, 1940:24, figs. 11a-b. Type-locality: Panama, Paraiso. Distr. — Panama. Ref. — Hardy, 1945:433, pl. 36, figs. 169a-b.
- RUFISCUTELLA Hardy, 1940:24, figs. 12a-b. Type-locality: Peru, Moyobamba region. Distr. — Peru. Ref. — Hardy, 1945:433, pl. 36, figs. 170a-b.
- RUFITHORAX RUFITHORAX Walker, 1848:116. Type-locality: "Jamaica". Distr. — Jamaica, Mexico, Honduras, Guatemala. Ref. — Hardy, 1945:434, pl. 36, figs. 171a-b.
- ssp. CONCAVA* Hardy, 1942b:114. Type-locality: Guatemala, Alta V. Paz. Ref. — Hardy, 1945:435, pl. 37, figs. 172a-f.
- RUGOSA Hardy, 1940:25, figs. 13a-c. Type-locality: Colombia, Bet. Quercomal. Distr. — Colombia. Ref. — Hardy, 1945:436, pl. 37, figs. 173a-c.
- SEMINITENS Edwards, 1938:321. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Ref. — Hardy, 1945:437, pl. 37, figs. 174a-c.
- SERRATA Hardy, 1942b:114. Type-locality: Paraguay, Villarica. Distr. — Paraguay. Ref. — Hardy, 1945:438, pl. 37, figs. 175a-c.
- SIMILIS Rondani, 1850:193. Type-locality: Brazil, São Sebastião (?). Distr. — Brazil, Argentina. Refs. — Hardy, 1945:439, pl. 37, figs. 176a-e; 1953:356, figs. 6a-d.
- minor* Jaennicke, 1867:318.
- TRILOBATA Hardy, 1942b:114. Type-locality: British Guiana, upper Courantyne River, King Frederick William IV Falls. Distr. — British Guiana. Ref. — Hardy, 1945:440, pl. 37, figs. 177a-d.
- UBERTA Hardy, 1942b:115. Type-locality: Honduras, Lombardia. Distr. — Mexico, Honduras. Ref. — Hardy, 1945:441, pl. 37, figs. 178a-e.
- VARABILIS Hardy, 1942b:115. Type-locality: Panama, Canal Zone, Barro Colorado Is. Distr. — Guatemala, Panama. Ref. — Hardy, 1945:441, pl. 38, figs. 179a-c.

- VITTATA Wiedemann, 1828:75. Type-locality: "Brazil". Distr. — Brazil.
Ref. — Hardy, 1945:442, pl. 38, figs. 180a-c.
- XENIA Hardy, 1942b:109. Type-locality: Costa Rica, Higuito, San Mateo.
Distr. — Costa Rica. Ref. — Hardy, 1945:443, pl. 38, figs. 181a-e.

Subfamily BIBIONINAE

Genus BIBIO Geoffroy

- BIBIO Geoffroy, 1762:568. Type-species, *Tipula hortulana* Linnaeus (Latreille, 1810:442). Validated by I.C.Z.N., 1957:86.
- Pullata* Harris, 1776:77. Type-species, *funesta* Harris = *pomonae* (Fabricius) (Coquillett, 1910:598).
- Hirtea* Fabricius, 1798:551 (nec Scopoli, 1763) (no type des.).
- ALBIPENNIS Say, 1823:78. Type-locality: U.S.A., Pennsylvania. Distr. — Recorded from northern Mexico. This species is common throughout the Nearctic region. Ref. — Hardy, 1945:451, pl. 38, fig. 183a.
- CRIORHINUS Bellardi, 1859:17. Type-locality: "Mexico". Distr. — Mexico. Ref. — Hardy, 1945:462.
- DISPAR Schiner, 1868:20. Type-locality: "Colombia". Distr. — Colombia, Argentina. Ref. — Hardy, 1953:347.
- FULIGINUS Bellardi, 1859:19. Type-locality: "Mexico". Distr. — Mexico. *fuliginosus* Aldrich, 1905:166. (Misspelling of *fuliginus*).
- INTERMEDIUS Rondani, 1850:193. Type-locality: "Venezuela". Distr. — Venezuela.
- NUDIOCULATUS Macquart, 1847:26. Type-locality: "Brazil". Distr. — Brazil. *nudioculatus* Kertész, 1902:143. (Misspelling of *nudioculatus*).
- PERUVIANUS Edwards, 1935:20. Type-locality: Peru, Oroya. Distr. — Peru.
- PICEUS Bellardi, 1859:17. Type-locality: "Mexico". Distr. — Mexico.
- SUBAEQUALIS Rondani, 1868:39. Type-locality: Argentina, Buenos Aires. Distr. — Brazil, Argentina. Ref. — Hardy, 1953:347.
- SUPERFLUUS Schiner, 1868:20. Type-locality: "Colombia". Distr. — Colombia.
- VICINUS Arribáizaga F.L., 1878:297. Type-locality: Argentina, Baradero. Distr. — General through the Neotropical region from Mexico to Argentina.
- dubius* Bellardi, 1859:18 [preocc. by *dubius* Germar, 1837 (Gicbel, 1858:221)].
- stonei* Hardy, 1942c:142. Type-locality: "Mexico". Ref. — Hardy, 1953:348.
- WULFI Hardy, 1953:349. Type-locality: "Argentina". Distr. — Argentina. (Change of name for *abbreviatus* Wulp).
- abbreviatus* Wulp, 1881:145 (nec Loew, 1864:54).
- XANTHOPUS Wiedemann, 1828:80. Type-locality: U.S.A., "New York". Distr. — General over United States and probably occurs in Mexico, identified with a query from northern Mexico. Ref. — Hardy, 1945:491, fig. 204a.
- canadensis?* Bellardi, 1859:17.

Genus BIBIONELLUS Edwards

- BIBIONELLUS Edwards, 1935:19. Type-species, *tibialis* Edwards (orig. des.).
- ACZELI Hardy, 1953:345, figs. 1a-c. Type-locality: Argentina, Jujuy, Palapa. Distr. — Argentina.
- BARRETOI Lane & Forattini, 1948:569. Type-locality: Brazil, Goiás, Corumbá. Distr. — Brazil. Ref. — Hardy, 1953:344.
- PAULISTENSIS Lane & Forattini, 1948:571. Type-locality: Brazil, São Paulo, Pitangueiras. Distr. — Brazil. Ref. — Hardy, 1953:344.
- TIBIALIS Edwards, 1935:19. Type-locality: Bolivia, Yungas de Coroico. Distr. — Bolivia. Refs. — Lane & Forattini, 1948:573; Hardy, 1953:344.

Genus BIBIODES Coquillett

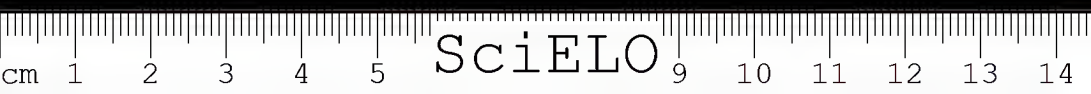
- BIBIODES Coquillett, 1904b:171. Type-species, *halteralis* Coquillett (orig. des.).
- HALTERALIS Coquillett, 1904b:171. Type-locality: California, San Mateo Co. Distr. — Baja California, southwest United States, Mexico. Ref. — Hardy, 1945:496.

Genus ENICOSCOLUS Hardy

- ENICOSCOLUS Hardy, 1961:81. Type-species, *dolichocephalus* Hardy (orig. des.).
- BRACHYCEPHALUS Hardy, 1961:82, fig. 1. Type-locality: Mexico, Morclos, Yauatepec. Distr. — Mexico.
- DOLICHOCEPHALUS Hardy, 1961:82, figs. 2a-e. Type-locality: Mexico, Morelos, Tepotztlan. Distr. — Mexico.

Genus DILOPHUS Meigen

- Philia* Meigen, 1800:20. Type-species, *Tipula febrilis* Linnaeus (Coquillett, 1910:588). Suppressed by I.C.Z.N., 1963:339.
- DILOPHUS Meigen, 1803:264. Type-species, *Tipula febrilis* Linnaeus (Latreille, 1810:442).
- Acanthocnemis* Blanchard, 1852:355 (no type des.).
- Triplotenia* Enderlein, 1934:181. Type-species, *Dilophus tenuis* Meigen (orig. des.).
- Tridicroctena* Enderlein, 1934:181. Type-species, *Dilophus africanus* Becker (orig. des.).
- Dactylodiscia* Enderlein, 1934:181. Type-species, *Dilophus hiemalis* Becker (orig. des.).
- Cnemidoctenia* Enderlein, 1934:181. Type-species, *Dilophus crassierus* Lundström (orig. des.).
- ANOMALUS (Hardy), 1942a:127, figs. 1a-b (*Philia*). Type-locality: Mexico, San Rafael. Distr. — Mexico.



- ANTARCTICUS (Walker), 1837:336 (*Bibio*). Type-locality: Argentina, Port Famine. Distr. — Chile, Argentina. Ref. — Hardy, 1953:360.
- ARENARIUS Edwards, 1935:23. Type-locality: Chile, Punta Arenas. Distr. — Chile.
- ATER (Philippi), 1865:638 (*Acanthocnemis*). Type-locality: Chile, Santiago. Distr. — Chile.
- BALFOURI Edwards, 1935:20. Type-locality: Colombia, Villavicencio, Quatiquia River. Distr. — Colombia.
- BICOLOR Macquart, 1838:89 (nec Wiedemann, 1821:34), an unrecognizable species. Recorded from Uruguay, Montevideo.
- BICOLORIPES Edwards, 1938:324. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil, Argentina. Ref. — Hardy, 1953:361, figs. 7a-b.
- BRAZILENSIS (Hardy), 1948:36 (*Philia*). Type-locality: Brazil, Rio de Janeiro, Teresópolis. Distr. — Brazil. (Change of name for *occipitalis* Edwards).
- occipitalis* Edwards, 1935:21 (preocc. by *occipitalis* Coquillett, 1904:20).
- CALCARATUS Edwards, 1930:83. Type-locality: Argentina, Puerto Blest. Distr. — Argentina. Ref. — Hardy, 1953:359.
- CARBONARIUS (Philippi), 1865:638 (*Acanthocnemis*). Type-locality: Chile, Aconcagua. Distr. — Chile.
- corbonarius* Stuardo, 1946:59 (lapsus).
- CASTANIPES (Bigot), 1888:17 (*Acanthocnemis*). Type-locality: "Cape Horn". Distr. — Cape Horn. Ref. — Hardy, 1953:359.
- COLLARIS Guérin-Ménéville, 1843:535, pl. 93, fig. 7. Type-locality: Uruguay, Rio de la Plata. Distr. — Uruguay.
- thoracicus* Guérin-Ménéville, 1843:535.
- DICHOUS Edwards, 1938:329. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- DISTINGUENDUS Edwards, 1935:23. Type-locality: Chile, Chillan. Distr. — Chile.
- DORSALIS (Philippi), 1865:639 (*Acanthocnemis*). Type-locality: Chile, Santiago. Distr. — Chile, Uruguay, Argentina. Ref. — Hardy, 1953:362, fig. 8a.
- thoracicus* Philippi, 1865:637 (*Acanthocnemis*) (nec Say, 1823, nec Guérin, 1843).
- nigripennis* Philippi, 1865:637 (*Acanthocnemis*).
- EDWARDSI (Hardy), 1948:36 (*Philia*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. (Change of name for *minor* Edwards).
- minor* Edwards, 1938:330 (nec *minor* Strobl, 1900:92).
- ELEPHAS Edwards, 1935:22. Type-locality: Peru, Cuzco. Distr. — Peru.
- EPHIPPIUM (Philippi), 1865:638 (*Acanthocnemis*). Type-locality: Chile, Santiago. Distr. — Chile.
- FLAVICORNIS Edwards, 1938:325. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- FLAVIFEMUR Edwards, 1930:85. Type-locality: Chile, Casa Pangué. Distr. — Chile. Ref. — Hardy, 1953:359.

- FLAVIHIALTER Edwards, 1930:82. Type-locality: Argentina, Lago Gutierrez.
Distr. — Argentina. Ref. — Hardy, 1953:359.
- FLAVISTIGMA Edwards, 1935:23. Type-locality: Chile, Magallanes Territory.
Distr. — Chile.
- FLAVITARSIS Edwards, 1938:327. Type-locality: Brazil, Santa Catarina,
Nova Teutônia. Distr. — Brazil.
- FULVIMACULA (Walker), 1848:116 (*Plecia*). Type-locality: "Venezuela".
Distr. — Venezuela, Ecuador. Refs. — Hardy, 1945:408; 1956:87.
flavimaculata Hunter, 1900:297 (erroneous spelling).
- FUMOSUS Coquillett, 1904a:91. Type-locality: Nicaragua, Granada. Distr.
— Nicaragua.
- GAGATINUS (Philippi), 1865:638 (*Acanthocnemis*). Type-locality: Chile,
Catemu. Distr. — Chile.
gagatinus Hunter, 1900:295 (lapsus).
- GIGANTEUS Macquart, 1846:21, pl. 2, fig. 2. Type-locality: "Nova Grana-
da". Distr. — Colombia.
- GLOBOSUS (Hardy), 1942a:128, figs. 2a-d (*Philia*). Type-locality: Brazil,
São Paulo, Capital, Cantareira. Distr. — Brazil.
- GOLBACHI (Hardy), 1953:364, figs. 9a-c (*Philia*). Type-locality: Argentina,
Formosa, Mision Laishi. Distr. — Argentina.
- GRACILIPES Edwards, 1930:85. Type-locality: Argentina, Lago Gutierrez.
Distr. — Argentina. Ref. — Hardy, 1953:365, fig. 10a.
- HYALIPENNIS (Blanchard), 1852:358 (*Acanthocnemis*). Type-locality: Chile,
Coquimbo. Distr. — Chile. Ref. — Edwards, 1930:85.
- IMMACULIPENNIS (Blanchard), 1852:358 (*Acanthocnemis*). Type-locality:
Chile, Coquimbo. Distr. — Chile.
- INCONNEXUS (Hardy), 1961:94, figs. 9a-d (*Philia*). Type-locality: Nor-
thern Venezuela. Distr. — Venezuela.
- INTERRUPTUS Edwards, 1930:86. Type-locality: Chile, Mechuque Is. Distr.
— Chile. Ref. — Hardy, 1953:360.
- LATERALIS (Philippi), 1865:638 (*Acanthocnemis*). Type-locality: Chile, San-
tiago. Distr. — Ecuador, Chile. Ref. — Edwards, 1920:149.
- LUCIFER Schiner, 1868:18. Type-locality: "Colombia". Distr. — Colombia.
- LUTEICOLLIS (Philippi), 1865:637 (*Acanthocnemis*). Type-locality: "Chile".
Distr. — Chile.
- LUTEUS Edwards, 1930:88. Type-locality: Chile, Casa Pangué. Distr. —
Chile. Ref. — Hardy, 1953:360.
- MACRORHINUS Macquart, 1838b:178. Type-locality: "Chile". Distr. — Chile.
- MACULATUS Bellardi, 1859:19. Type-locality: "Mexico". Distr. — Mexico.
- MACULIPENNIS Blanchard, 1852:354. Type-locality: Chile, Carelmapu. Distr.
— Chile. Ref. — Edwards, 1930:80.
- MEGACANTHUS Edwards, 1938:326. Type-locality: Brazil, Santa Catarina,
Nova Teutônia. Distr. — Brazil.
- MELANARIUS Wulp, 1881:146. Type-locality: "Mexico". Distr. — Mexico,
Costa Rica.
- MICROCERUS Edwards, 1935:24. Type-locality: Argentina, Buenos Aires.
Distr. — Argentina. Ref. — Hardy, 1953:366.
- MINIMUS (Hardy), 1942a:129, figs. 3a-b (*Philia*). Type-locality: Costa
Rica, Higuito, San Mateo. Distr. — Costa Rica.

- MINUTUS Bellardi, 1862:7. Type-locality: "Mexico". Distr. — Mexico.
- NIGRIPES Blanchard, 1852:354. Type-locality: Chile, Coquimbo. Distr. — Chile. Ref. — Edwards, 1930:84.
- NUBILIPENNIS Edwards, 1935:22. Type-locality: Peru, valley of Lari. Distr. — Peru.
- OBSCURUS (Blanchard), 1852:357 (*Acanthocnemis*). Type-locality: Chile, Coquimbo. Distr. — Chile.
- ORNATUS (Hardy), 1942a:130, figs. 4a-b (*Philia*). Type-locality: Guatemala, Guatemala city. Distr. — Guatemala.
- PALLENS (Blanchard), 1852:357 (*Acanthocnemis*). Type-locality: Chile, Chiloe. Distr. — Colombia, Chile. Ref. — Edwards, 1930:80.
- PALIDIPENNIS Philippi, 1865:636. Type-locality: "Chile". Distr. — Chile.
- PATAGONICUS Edwards, 1930:85. Type-locality: Argentina, Bariloche. Distr. — Argentina. Ref. — Hardy, 1953:367.
- PAULSENI Philippi, 1865:636. Type-locality: Chile, Santiago. Distr. — Chile.
- PECTORALIS Wiedemann, 1828:76. Type-locality: Uruguay, Montevideo. Distr. — Uruguay, Argentina. Ref. — Hardy, 1953:368, fig. 11a.
- PERUENSIS (Hardy), 1948:36 (*Philia*). Type-locality: Peru, Cuzco. Distr. — Peru. (Change of name for *clavipes* Edwards).
- clavipes* Edwards, 1935:24 (nec Duda, 1930:33).
- PHILIPPI (Hardy), 1959:470 (*Philia*). Type-locality: Chile, Aconcagua. Distr. — Chile. (Change of name for *bimaculatus* Philippi). Ref. — Hardy, 1959:470.
- bimaculatus* Philippi, 1865:638 (nec Walker, 1858:422).
- PICTUS Schiner, 1868:19. Type-locality: "Colombia". Distr. — Colombia.
- PILIFERUS Edwards, 1935:21. Type-locality: Peru, Mamara. Distr. — Peru.
- PLAUMANNI Edwards, 1938:328. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- QUADRIDENS (Hardy), 1953:370, figs. 12a-c (*Philia*). Type-locality: Argentina, Buenos Aires, San Isidro. Distr. — Argentina.
- QUINQUESPINAE (Hardy), 1961:96, figs. 10a-d (*Philia*). Type-locality: Cuba, Cayamas. Distr. — Cuba, Puerto Rico, Saba (Dutch West Indies).
- RHYNCHOPS Coquillett, 1904a:91. Type-locality: Nicaragua, Granada. Distr. — Nicaragua.
- RUBRICOLLIS (Blanchard), 1852:356 (*Acanthocnemis*). Type-locality: Chile, Coquimbo. Distr. — Chile.
- RUBRIPES (Philippi), 1865:639 (*Acanthocnemis*). Type-locality: "Chile". Distr. — Chile.
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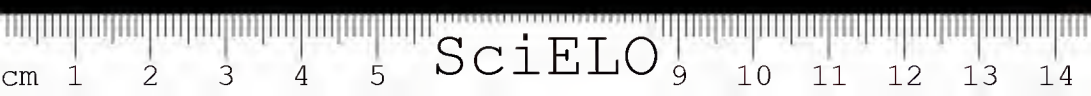
INDEX

| | |
|---|------|
| <i>abbreviatus</i> Wulp, 1881, <i>Bibio</i> | 18.6 |
| <i>Acanthocnemis</i> Blanchard, 1852 | 18.7 |
| <i>aczei</i> Hardy, 1954, <i>Bibionellus</i> | 18.7 |
| <i>alacris</i> Curran, 1934, <i>Plecia</i> | 18.2 |
| <i>albipennis</i> Say, 1823, <i>Bibio</i> | 18.6 |
| <i>americana</i> Hardy, 1940, <i>Plecia</i> | 18.2 |
| <i>anomalus</i> (Hardy), 1942 (<i>Philia</i>), <i>Dilophus</i> | 18.7 |
| <i>antarcticus</i> Edwards, 1935, <i>Dilophus</i> | 18.8 |
| <i>appendicula</i> Hardy, 1945, <i>Penthetria</i> | 18.2 |
| <i>arenarius</i> (Philippi), 1865 (<i>Acanthocnemis</i>), <i>Dilophus</i> | 18.8 |
| <i>argentina</i> Hardy, 1953, <i>Plecia</i> , subspecies of <i>nigra</i> Philippi | 18.4 |
| <i>ater</i> (Philippi), 1865 (<i>Acanthocnemis</i>), <i>Dilophus</i> | 18.8 |
| <i>avicephaliforma</i> Hardy, 1940, <i>Plecia</i> | 18.2 |



| | |
|--|-------|
| <i>balfouri</i> Edwards, 1935, <i>Dilophus</i> | 18.8 |
| <i>barrettoi</i> Lane & Forattini, 1948, <i>Bibionellus</i> | 18.7 |
| <i>bellardii</i> Townsend, 1912, <i>Plecia</i> | 18.4 |
| <i>biarmata</i> Hardy, 1942, <i>Plecia</i> | 18.2 |
| <i>Biblio</i> Geoffroy, 1762 | 18.6 |
| <i>Bibiodes</i> Coquillett, 1904 | 18.7 |
| <i>Bibionellus</i> Edwards, 1935 | 18.7 |
| <i>Bibioninae</i> | 18.6 |
| <i>bicolor</i> Bellardi, 1859, <i>Plecia</i> | 18.2 |
| <i>bicolor</i> Macquart, 1838, <i>Dilophus</i> | 18.8 |
| <i>bicoloripes</i> Edwards, 1938, <i>Dilophus</i> | 18.8 |
| <i>biformis</i> Hardy, 1942, <i>Plecia</i> | 18.2 |
| <i>bimaculatus</i> Philippi, 1865, <i>Dilophus</i> | 18.10 |
| <i>brachycephalus</i> Hardy, 1961, <i>Enicoscolus</i> | 18.7 |
| <i>brazilana</i> Hardy, 1942, <i>Plecia</i> | 18.2 |
| <i>brazilensis</i> (Hardy), 1948 (<i>Philia</i>), <i>Dilophus</i> | 18.8 |
| <i>calcaratus</i> Edwards, 1930, <i>Dilophus</i> | 18.8 |
| <i>canadensis</i> Bellardi, 1859, <i>Biblio</i> | 18.6 |
| <i>carbonarius</i> (Philippi), 1865 (<i>Acanthocnemis</i>), <i>Dilophus</i> | 18.8 |
| <i>castanipes</i> (Bigot), 1888 (<i>Acanthocnemis</i>), <i>Dilophus</i> | 18.8 |
| <i>clavipes</i> Edwards, 1935, <i>Dilophus</i> | 18.10 |
| <i>Cnemidoctenia</i> Enderlein, 1934 | 18.7 |
| <i>collaris</i> (Fabricius), 1805 (<i>Hirtea</i>), <i>Plecia</i> | 18.2 |
| <i>collaris</i> Guérin-Ménéville, 1843, <i>Dilophus</i> | 18.8 |
| <i>concava</i> Hardy, 1942, <i>Plecia</i> , subspecies of <i>rufithorax</i> Walker ... | 18.5 |
| <i>confusa</i> Loew, 1848, <i>Plecia</i> | 18.2 |
| <i>conjungens</i> Schiner, 1868, <i>Hesperinus</i> | 18.1 |
| <i>corbonarius</i> Stuardo, 1946, <i>Dilophus</i> (misspell.) | 18.8 |
| <i>costalis</i> Walker, 1858, <i>Plecia</i> | 18.3 |
| <i>costalis</i> Wiedemann, 1830, <i>Plecia</i> | 18.3 |
| <i>criorhinus</i> Bellardi, 1859, <i>Biblio</i> | 18.6 |
| <i>curvistylata</i> Hardy, 1942, <i>Plecia</i> | 18.3 |
| <i>Dactylodiscia</i> Enderlein, 1934 | 18.7 |
| <i>dentata</i> Hardy, 1942, <i>Plecia</i> | 18.3 |
| <i>dichrous</i> Edwards, 1938, <i>Dilophus</i> | 18.8 |
| <i>Dilophus</i> Meigen, 1803 | 18.7 |
| <i>discolor</i> Wulp, 1881, <i>Plecia</i> | 18.3 |
| <i>dispar</i> Schiner, 1868, <i>Biblio</i> | 18.6 |
| <i>disparis</i> Hardy, 1942, <i>Plecia</i> | 18.3 |
| <i>distincta</i> Hardy, 1945, <i>Penthetria</i> | 18.2 |
| <i>distinguendus</i> Edwards, 1935, <i>Dilophus</i> | 18.8 |
| <i>dolichocephalus</i> Hardy, 1961, <i>Enicoscolus</i> | 18.7 |
| <i>dorsalis</i> (Philippi), 1865 (<i>Acanthocnemis</i>), <i>Dilophus</i> | 18.8 |
| <i>dubius</i> Bellardi, 1859, <i>Biblio</i> | 18.6 |
| <i>ecuadorensis</i> Hardy, 1942, <i>Plecia</i> | 18.3 |
| <i>edwardsi</i> Hardy, 1940, <i>Plecia</i> | 18.3 |
| <i>edwardsi</i> (Hardy), 1948 (<i>Philia</i>), <i>Dilophus</i> | 18.8 |
| <i>elephas</i> Edwards, 1938, <i>Dilophus</i> | 18.8 |
| <i>Enicoscolus</i> Hardy, 1961 | 18.7 |
| <i>ephippium</i> (Philippi), 1865 (<i>Acanthocnemis</i>), <i>Dilophus</i> | 18.8 |
| <i>Eupeitenus</i> Macquart, 1838 | 18.1 |

| | |
|---|------|
| <i>femorata</i> Macquart, 1838, Plecia | 18.3 |
| <i>flavicornis</i> Edwards, 1938, Dilophus | 18.8 |
| <i>flavifemur</i> Edwards, 1930, Dilophus | 18.8 |
| <i>flavihalter</i> Edwards, 1930, Dilophus | 18.8 |
| <i>flavimaculata</i> Hunter, 1900, Dilophus (misspell.) | 18.9 |
| <i>flavistigma</i> Edwards, 1935, Dilophus | 18.9 |
| <i>flavitarsis</i> Edwards, 1938, Dilophus | 18.9 |
| <i>fuliginus</i> Bellardi, 1859, Bibio | 18.6 |
| <i>fuliginosus</i> Aldrich, 1905, Bibio (misspell.) | 18.6 |
| <i>fulvimacula</i> (Walker), 1848 (Plecia), Dilophus | 18.9 |
| <i>fumosus</i> Coquillett, 1904, Dilophus | 18.9 |
| <i>funcbris</i> (Fabricius), 1805 (Hirtca), Plecia | 18.3 |
| <i>gagantinus</i> Hunter, 1900, Dilophus (misspell.) | 18.9 |
| <i>gagatinus</i> (Philippi), 1865 (Acanthocnemis), Dilophus | 18.9 |
| <i>gibbosa</i> Hardy, 1942, Plecia | 18.3 |
| <i>giganteus</i> Macquart, 1846, Dilophus | 18.9 |
| <i>globosus</i> (Hardy), 1942 (Philia), Dilophus | 18.9 |
| <i>golbachi</i> (Hardy), 1953 (Philia), Dilophus | 18.9 |
| <i>gracilipes</i> Edwards, 1930, Dilophus | 18.9 |
| <i>grisea</i> Edwards, 1938, Plecia | 18.3 |
| <i>halteralis</i> Coquillett, 1940, Bibiodes | 18.7 |
| <i>heros</i> Say, 1829, Penthetria | 18.2 |
| <i>Hesperininae</i> | 18.1 |
| <i>Hesperinus</i> Walker, 1848 | 18.1 |
| <i>heteroptera</i> Macquart, 1846, Plecia | 18.4 |
| <i>Hirtca</i> Fabricius, 1798 | 18.6 |
| <i>hyalipennis</i> (Blanchard), 1852 (Acanthocnemis), Dilophus | 18.9 |
| <i>immaculipennis</i> (Blanchard), 1852 (Acanthocnemis), Dilophus ... | 18.9 |
| <i>impensa</i> Hardy, 1957, Plecia | 18.3 |
| <i>imperialis</i> Schiner, 1868, Plecia | 18.3 |
| <i>impilosa</i> Hardy, 1940, Plecia | 18.3 |
| <i>inconnexus</i> (Hardy), 1961 (Philia), Dilophus | 18.9 |
| <i>incurvata</i> Hardy, 1942, Plecia | 18.3 |
| <i>intermedius</i> Rondani, 1850, Bibio | 18.6 |
| <i>interruptus</i> Edwards, 1930, Dilophus | 18.9 |
| <i>lateralis</i> Hardy, 1940, Plecia | 18.3 |
| <i>lateralis</i> (Philippi), 1865 (Acanthocnemis), Dilophus | 18.9 |
| <i>lindneri</i> Edwards, 1931, Plecia | 18.3 |
| <i>lopesi</i> Hardy, 1940, Plecia | 18.3 |
| <i>lucifer</i> Schiner, 1868, Dilophus | 18.9 |
| <i>luteicollis</i> (Philippi), 1865 (Acanthocnemis), Dilophus | 18.9 |
| <i>luteus</i> Edwards, 1930, Dilophus | 18.9 |
| <i>macrorhinus</i> Macquart, 1838, Dilophus | 18.9 |
| <i>maculata</i> Hardy, 1942, Plecia | 18.4 |
| <i>maculatus</i> Bellardi, 1859, Dilophus | 18.9 |
| <i>maculipennis</i> Blanchard, 1852, Dilophus | 18.9 |
| <i>marginata</i> Edwards, 1920, Plecia | 18.4 |
| <i>maura</i> Walker, 1837, Plecia | 18.4 |
| <i>megacanthus</i> Edwards, 1938, Dilophus | 18.9 |



| | |
|--|-------|
| melanarius Wulp, 1881, Dilophus | 18.9 |
| mexicana (Hardy), 1937 (Plecia), Penthetria | 18.2 |
| micans Hardy, 1942, Plecia, subspecies of ecuadorensis Hardy ... | 18.3 |
| microcerus Edwards, 1935, Dilophus | 18.9 |
| minimus (Hardy), 1942 (Philia), Dilophus | 18.9 |
| minor Edwards, 1938, Dilophus | 18.8 |
| minor Jaennicke, 1867, Plecia | 18.5 |
| minutus Bellardi, 1862, Dilophus | 18.10 |
| nearctica Hardy, 1940, Plecia | 18.4 |
| nigerrima (Bellardi), 1859 (Plecia), Penthetria | 18.2 |
| nigra (Philippi), 1865 (Penthera), Plecia | 18.4 |
| nigripennis (Philippi), 1865 (Acanthocnemis), Dilophus | 18.8 |
| nigripes Blanchard, 1852, Dilophus | 18.10 |
| nigrita Perty, 1830, Penthetria | 18.2 |
| nitidicollis Edwards, 1931, Plecia | 18.4 |
| nitidipes Edwards, 1920, Plecia | 18.4 |
| nodioculatus Kertész, 1902, Bibio (misspell.) | 18.6 |
| nubilipennis Edwards, 1935, Dilophus | 18.10 |
| nudiceulatus Macquart, 1847, Bibio | 18.6 |
| obscurus (Blanchard), 1852 (Acanthocnemis), Dilophus | 18.10 |
| occipitalis Edwards, 1935, Dilophus | 18.8 |
| orbatus Osten Sacken, 1859, Dilophus | 18.10 |
| ornatus (Hardy), 1942 (Philia), Dilophus | 18.10 |
| pallens (Blanchard), 1852 (Acanthocnemis), Dilophus | 18.10 |
| pallidipennis Philippi, 1865, Dilophus | 18.10 |
| panamaensis Hardy, 1942, Plecia | 18.4 |
| paracollaris Hardy, 1961, Plecia | 18.4 |
| patagonicus Edwards, 1930, Dilophus | 18.10 |
| parvistylata Hardy, 1942, Plecia | 18.4 |
| paulistensis Lane & Forattini, 1948, Bibionellus | 18.7 |
| paulseni Philippi, 1865, Dilophus | 18.10 |
| pectoralis Wiedemann, 1828, Dilophus | 18.10 |
| Penthera Philippi, 1865 | 18.2 |
| Penthetria Meigen, 1803 | 18.1 |
| perplexa Hardy, 1942, Plecia | 18.4 |
| persimilis Hardy, 1940, Plecia | 18.4 |
| pertinens Hardy, 1942, Plecia | 18.4 |
| perucnsis (Hardy), 1948 (Philia), Dilophus | 18.10 |
| peruviana Hardy, 1961, Plecia | 18.4 |
| peruvianus Edwards, 1935, Bibio | 18.6 |
| Phila Meigen, 1800 | 18.7 |
| philippii (Hardy), 1959 (Philia), Dilophus | 18.10 |
| piceus Bellardi, 1859, Bibio | 18.6 |
| pictipennis Edwards, 1931, Plecia | 18.4 |
| pictus Schiner, 1868, Dilophus | 18.10 |
| pilliferus Edwards, 1935, Dilophus | 18.10 |
| plagiata Wiedemann, 1824, Plecia | 18.4 |
| platystyla Hardy, 1957, Plecia | 18.4 |
| plaumanni Edwards, 1938, Dilophus | 18.10 |
| Plecia Wiedemann, 1828 | 18.2 |
| Pleciinae | 18.1 |



| | |
|--|-------|
| pruinosa Hardy, 1940, Plecia | 18.5 |
| <i>Pullata</i> Harris, 1776 | 18.6 |
| punctulata Hardy, 1940, Plecia | 18.5 |
| quadridens (Hardy), 1953 (Philia), Dilophus | 18.10 |
| quadrivittata Williston, 1900, Plecia | 18.5 |
| quasimaculata Hardy, 1961, Plecia | 18.5 |
| quinquespinae (Hardy), 1961 (Philia), Dilophus | 18.10 |
| rectiora Hardy, 1942, Plecia | 18.5 |
| <i>Rhinoplectia</i> Bellardi, 1859 | 18.2 |
| rhynchops Coquillett, 1904, Dilophus | 18.10 |
| rostellata Loew, 1858, Plecia | 18.5 |
| <i>rostrata</i> Bellardi, 1859, Plecia | 18.5 |
| rubricollis (Blanchard), 1852 (Acanthocnemis), Dilophus | 18.10 |
| rubripes (Philippi), 1865 (Acanthocnemis), Dilophus | 18.10 |
| <i>ruficollis</i> (Fabricius), 1805 (Histea), Plecia | 18.2 |
| <i>rufimarginata</i> Hardy, 1940, Plecia | 18.5 |
| <i>rufipes</i> Blanchard, 1852, Dilophus | 18.10 |
| <i>rufiscutella</i> Hardy, 1940, Plecia | 18.5 |
| <i>rufithorax</i> Walker, 1848, Plecia | 18.5 |
| <i>rufovittata</i> Edwards, 1938, Plecia, variety of <i>pictipennis</i> Edwards. | 18.4 |
| <i>rugosa</i> Hardy, 1940, Plecia | 18.5 |
| <i>sayi</i> (Hardy), 1959 (Philia), Dilophus | 18.10 |
| <i>segregatus</i> (Hardy), 1961 (Philia), Dilophus | 18.10 |
| <i>seminitens</i> Edwards, 1938, Plecia | 18.5 |
| <i>serrata</i> Hardy, 1942, Plecia | 18.5 |
| <i>serenus</i> (Hardy), 1953 (Philia), Dilophus | 18.11 |
| <i>similis</i> Rondani, 1868, Dilophus | 18.11 |
| <i>similis</i> Rondani, 1850, Plecia | 18.5 |
| <i>Spodius</i> Loew, 1868 | 18.1 |
| <i>stonei</i> Hardy, 1942, Bibio | 18.6 |
| <i>stygius</i> Say, 1829, Dilophus | 18.11 |
| <i>subaequalis</i> Rondani, 1868, Bibio | 18.6 |
| <i>superfluus</i> Schiner, 1868, Bibio | 18.6 |
| <i>tapir</i> Schiner, 1868, Dilophus | 18.11 |
| <i>testaceipes</i> Blanchard, 1852, Dilophus | 18.11 |
| <i>tetracanthus</i> Edwards, 1930, Dilophus | 18.11 |
| <i>thoracica</i> (Fabricius), 1805 (Laphria), Plecia | 18.2 |
| <i>thoracicus</i> Guérin-Ménéville, 1843, Dilophus | 18.8 |
| <i>thoracicus</i> Philippi, 1865 (Acanthocnemis), Dilophus | 18.8 |
| <i>tibialis</i> Edwards, 1935, Bibionellus | 18.7 |
| <i>Tridicroctena</i> Enderlein, 1934 | 18.7 |
| <i>trilobata</i> Hardy, 1942, Plecia | 18.5 |
| <i>Triploctenia</i> Enderlein, 1934 | 18.7 |
| <i>trisulcatus</i> Macquart, 1838, Dilophus | 18.11 |
| <i>uberta</i> Hardy, 1942, Plecia | 18.5 |
| <i>valdivianus</i> Philippi, 1865, Dilophus | 18.11 |
| <i>varabilis</i> Hardy, 1942, Plecia | 18.5 |
| <i>variceps</i> (Hardy), 1942 (Philia), Dilophus | 18.11 |

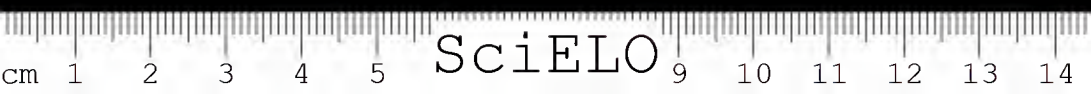


| | |
|---|-------|
| <i>velutina</i> Macquart, 1846, <i>Plecia</i> | 18.4 |
| <i>venulatus</i> Johnson, 1920, <i>Dilophus</i> | 18.11 |
| <i>vicinus</i> Arribáizaga, 1878, <i>Bibio</i> | 18.1 |
| <i>villosus</i> Edwards, 1935, <i>Dilophus</i> | 18.11 |
| <i>vittata</i> Bellardi, 1862, <i>Plecia</i> | 18.4 |
| <i>vittata</i> Wiedemann, 1828, <i>Plecia</i> | 18.6 |
| <i>vittatus</i> Philippi, 1865, <i>Dilophus</i> | 18.11 |
| <i>wulpi</i> Hardy, 1953, <i>Bibio</i> | 18.6 |
| <i>xanthopus</i> Wiedemann, 1828, <i>Bibio</i> | 18.6 |
| <i>xenia</i> Hardy, 1942, <i>Plecia</i> | 18.6 |





SciELO



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SUPERFAMILY MYCETOPHILOIDEA

Family Diadocidiidae

Family Ditomyiidae

Family Keroplatidae

Family Lygistorrhinidae

Family Mycetophilidae

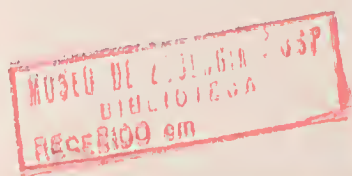
Family Sciaridae

Family Hyperoscelididae

Family Scatopsidae

Family Cecidomyiidae

Family Perissommatidae





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A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

19 A

FAMILY DIADOCIDIIDAE

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Three genera occur in South America, two of which only tentatively referred to this family. Larvae of *Diadocidia* live in fungus tubes in wood.

Genus DIADOCIDIA Ruthe

DIADOCIDIA Ruthe, 1831: 1210. Type-species, *flavicans* Ruthe (orig. des., as gen. n., sp. n.) = *ferruginosa* (Meigen).

Macronevra Macquart, 1834: 146. Type-species, *vinthemi* Macquart (mon.) = *ferruginosa* (Meigen).

Subgenus ADIDOCIDIA Lastovka & Matile

Diadocidia, subg. ADIDOCIDIA Lastovka & Matile, 1972: 218. Type-species, *valida* Mik (orig. des.).

NIGRIPALPIS Edwards, 1940: 443. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (São Paulo, Santa Catarina). Syntypes ♂ ♀, BMNH. Lastovka & Matile (1972: 218) have tentatively referred this species to their subgenus *Adidocidia*; I have examined a male topotype, and can confirm their assumption. The male genitalia is similar to that of *borealis* Coquillett — the hypandrium is intermediary in shape between *borealis* and *valida* Mik; the apex of the dististylus is very similar to *borealis*, but there are two very strong black spines in addition to the bifid apex. Freeman's (1951: 11) record of this species from Chile (Marga Marga) may refer to a new species.

SP. Edwards, 1940: 44. Chile, Valparaiso, Marga Marga. ♂, BMNH.

Genus HETEROTRICHIA Loew

HETEROTRICHIA Loew, 1850: 33. Type-species, *hirta* Loew (mon.).

Palaeoheterotrigha Meunier, 1904: 62. Type-species, *grandis* Meunier (mon.).

Representatives of this genus are known from the Baltic amber, Chile, southern Brazil, South Africa, Tasmania and New Zealand. Edwards (1925) and Shaw (1953) considered it as a Seiaridae. Tonnoir & Edwards (1927), Frey (1942), Colless (1963) and Hennig (1954, 1973) as probably a Diadocidiidae. The situation of this genus is still uncertain.

EQUALIS Freeman, 1951: 28, fig. 8 (♂ genitalia). Type-locality: Chile, Chiloé, Castro. Type ♂, BMNH.

NUDIOSTALIS Freeman, 1951: 28, fig. 7 (♂ genitalia). Type-locality: Chile, Chiloé, Meehuque I. Type ♂, BMNH.

SEMINUDA Freeman, 1951: 27, fig. 6 (♂ genitalia), 270 (wing). Type-locality: Chile, Chiloé, Aneud. Distr. — Chile (Llanquihue, Chiloé). Type ♂, BMNH.

MARGINATA Edwards, 1940: 444. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.

Genus PTEROGYMNUS Freeman

PTEROGYMNUS Freeman, 1951: 11. Type-species, *elongatus* Freeman (orig. des.).

Pterogymnus was originally included in Diadocidiidae. Hennig (1954: 306) very judiciously observed that it could very well be a Bolitophilidae. Colless (1963) and Hennig (1973) preferred to leave it in Diadocidiidae again.

ELONGATUS Freeman, 1951: 12, fig. 271 (wing). Type-locality: Chile, Llanquihue, Casa Pangue. Type ♀, BMNH.

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A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

19 B

FAMILY DITOMYIIDAE

N. PAPAVERO

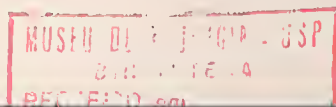
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Approximately 100 species known in the world, except in the Ethiopian and Oriental regions. Larvae of *Ditomyia* and *Symmerus* (holarctic) live in hard species of Polyporaceae and in decaying wood, respectively. Nothing is known about the biology of the neotropical species.

A new arrangement of the neotropical genera is here proposed; they may be recognized by the following key:

1. Transverse vein r-m (ta) present; alula present 2
Transverse vein r-m (ta) absent, obliterated by the fusion, for
a short distance, of M with R_s; alula absent 5
2. 4 scutellar bristles 3
2 scutellar bristles 4
3. Sc parallel to R, apically obsolescent; squama pilose (Chile-Pata-
gonia; Australian region) *Australosymmerus* Freeman
Sc short, strong, curved up to meet the Costa; squama bare
(Patagonia) *Neocerionisca*, gen. n.
4. Anterior tibia without spines along its length; wings with
macro- and microtrichiae on membrane (Chile-Patagonia)
..... *Nothosymmerus*, gen. n.
Anterior tibia with several well-developed spines or bristles along
its length (Guiano-Brazilian subregion; north to Mexico)
..... *Austrosymmerus*, gen. n.
5. Eyes reniform or oval, never emarginated above antennae 6
Eyes strongly emarginated above antennae, forming a bridge as
in Sciaridae; base of fork of M evanescent; antennae with
cylindrical segments; R₄ relatively short (New Zealand;
southern South America) *Nervijuncta* Marshall
6. Palpi 3-segmented; antennae with flagellar segments projecting
into ventral filamentose expansions; R₄ moderately long
(Brazil: São Paulo) *Callieeratomyia* Lane
Palpi 2-segmented; projections of antennal flagellum not fila-
mentose (Southern Brazil: São Paulo to Santa Catarina)
..... *Rhipidita* Edwards

19B.1



Genus AUSTRALOSYMMERUS Freeman

Centrocnemis Philippi, 1865: 619 (preocc. Signoret, 1852). Type-species, *stigmatica* Philippi (mon.).

Australomyia Freeman, 1951: 7 (nom. nov. for *Centrocnemis* Philippi, but preocc. Schmid, 1949). Type-species, *Centrocnemis stigmatica* Philippi (aut.).

AUSTRALOSYMMERUS Freeman, 1954: 39 (nom. nov. for *Australomyia* Freeman). Type-species, *Centrocnemis stigmatica* Philippi (aut.).

BIVITTATUS (Freeman), 1951: 9, fig. 4 (♂ genitalia) (*Australomyia*). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Argentina (Río Negro, Neuquén), Chile (Osorno, Cautín, Llanquihue, Chiloé). Type ♂, BMNH.

SIMPLEX (Freeman), 1951: 8, figs. 3 (♂ genitalia), 299 (wing) (*Australomyia*). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro). Type ♂, BMNH.

STIGMATICUS (Philippi), 1865: 619, pl. 23, fig. 7 (whole insect) (*Centrocnemis*). Type-locality: Chile, Valdivia. Distr. — Argentina (Río Negro, Neuquén, Tierra del Fuego), Chile (Valparaíso to Chiloé). Type?

Genus AUSTROSYMMERUS, new

Differs from *Australosymmerus* and *Neocrionisca* by the possession of only 2 scutellar bristles; from *Nothosymmerus* by the presence of bristles or spines on the entire length of the anterior tibia. Distr. — Guiano-Brazilian subregion, north to Mexico.

Type-species, *Centrocnemis bisetosus* Edwards.

BIFASCIATUS (Williston), 1900: 217, pl. 4, figs. 1 (whole insect), 1a (head, lateral) (*Plesiastina*). Type-locality: Mexico, Guerrero, Sierra de las Aguas Escondidas, 7000 feet. Distr. — Mexico (Guerrero). Syntypes ♂, BMNH. N. comb.

BISETOSUS (Edwards), 1940: 442 (*Centrocnemis*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (São Paulo, Santa Catarina). Ref. — Lane, 1946: 339, fig. 1 (♂ genitalia). Syntypes ♂ ♀, BMNH. N. comb.

BORORO (Lane), 1947: 341, fig. 8 (♂ genitalia) (*Centrocnemis*). Type-locality: Brazil, Rio de Janeiro, Itatiaia. Distr. — Brazil (Rio de Janeiro, São Paulo). Type ♂, MZSP. N. comb.

GUARANI (Lane), 1947: 341, fig. 4 (♂ genitalia) (*Centrocnemis*). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr. — Brazil (Goiás, São Paulo, Santa Catarina). Type ♂, MZSP. N. comb.

GUAYANASI (Lane), 1947: 340, fig. 2 (♂ genitalia) (*Centrocnemis*). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil (São Paulo). Type ♂, MZSP. N. comb.

LENKOI (Lane), 1959: 105, fig. 12 (♂ genitalia) (*Australosymmerus*). Type-locality: Brazil, Amapá, Serra do Navio. Type ♂, MZSP. N. comb.

PEDIFER (Edwards), 1940: 443 (*Centrocnemis*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (São Paulo, Santa Catarina). Syntypes ♂ ♀, BMNH. N. COMB.

TUPI (Lane), 1947: 341, fig. 3 (♂ genitalia) (*Centrocnemis*). Type-locality: Brazil, Goiás, Corumbá. Distr. — Brazil (Goiás, São Paulo), Argentina (Misiones). Type ♂, MZSP. N. COMB.

Genus NEOCRIONISCA, new

Wing very similar to that of *Crionisca* Colless, from Australia (Colless, 1970: 95, pl. 1, fig. G), but pleurotergites bare.

Type-species, *Neocrionisca collessi*, sp. n.

NEOCRIONISCA COLLESSI, sp. n.

♀ — Head dark, pollinose, with scattered greyish hairs; labella reddish-yellow, the palpi lighter. First two antennal segments yellowish, flagellum dark brown.

Mesonotum with pale pollinose ground color, on which three wide longitudinal brown stripes, slightly shining, arc superimposed: the median stripe beginning large on the anterior margin and posteriorly tapering but not reaching the hind margin; the lateral stripes with approximately the same width throughout, beginning distinctly before the middle of the mesonotum and running almost to the hind margin. Scutellum, postnotum and pleura brown.

Legs yellowish; front and middle tarsi brownish; setae black, tibial spurs dark brown.

Wings clear, with a brown patch from the base of Rs through ta (r-m) and another originating at basal half of R_4 and running and narrowing in width to Costa. Much paler patches may be seen somewhat distally on R_s , M_2 , M_3 and M_4 . Halteres brownish-yellow.

Abdominal tergites and sternites shiny, brown, with yellow band apically; the eighth tergite predominantly yellow, with brown basal band. Visible part of terminalia pale yellowish. Vestiture long, yellow.

Holotype ♀, ARGENTINA, Tierra del Fuego, iii.1948 (Budin), in the Museu de Zoologia, Universidade de São Paulo.

Genus NOTHOSYMMERUS, new

Can be immediately recognized by the following characters: only 2 scutellar bristles; anterior tibia without spines or bristles along its length; wings with both macro- and microtrichiae.

Type-species, *Platyura insolita* Walker.

INSOLITUS (Walker), 1837: 335 (*Platyura*). Type-locality: "Chile". Distr. — Argentina (Santa Cruz, Tierra del Fuego), Chile. Ref. — Freeman, 1951: 9, fig. 5 (♂ genitalia), 299 (wing). Type ♂, BMNH. N. COMB.
incerta Bigot, 1888: 16 (*Ditomyia*). Type-locality: "Cape Horn". Type, MNHN.

Genus CALLICERATOMYIA Lane

- CALLICERATOMYIA Lane, 1946: 244. Type-species, *pectinata* Lane (orig. des.).
PECTINATA Lane, 1946: 244, fig. 1 (antenna), 2 (wing), 3 (♂ genitalia).
Type-locality: Brazil, São Paulo, Campos do Jordão, 1600 m.
Type ♂, MZSP.

Genus NERVIJUNCTA Marshall

- NERVIJUNCTA Marshall, 1896: 254, 265. Type-species, *nigrescens* Marshall (mon.).
CONJUNCTA (Freeman), 1951: 7, figs. 1 (♂ genitalia), 297 (wing) (*Ditomyia*).
Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro), Chile (Llanquihue, Chiloé). Type ♂, BMNH.
LAFFOONI Lane, 1952: 139 (nom. nov. for *marshalli* Lane). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (São Paulo, Santa Catarina).
marshalli Lane, 1948: 250, figs. 5 (♂ genitalia), 6 (9th tergite), 7 (mesosome) (preocc. Edwards, in Tonnoir & Edwards, 1927).
Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
marshally Lane, 1952: 131, lapsus.

Genus RHIPIDITA Edwards

- RHIPIDITA Edwards, 1940: 411. Type-species, *fusca* Edwards (orig. des.).
FUSCA Edwards, 1940: 442. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (São Paulo, Santa Catarina). Type ♂, BMNH.
NIGRA Lane, 1952: 132, fig. 1 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.

UNPLACED DITOMYIIDAE

- MEXICANA Giglio-Tos, 1890: [3], pl. 2, fig. 7 (wing) (*Ditomyia*). Type-locality: Mexico, Orizaba. Type, IMZUT.
ZONATA Giglio-Tos, 1890: [2], pl. 2, fig. 6 (wing) (*Ditomyia*). Type-locality: Mexico, Orizaba. Type, IMZUT.
Ienis Johannsen, 1910: 229 (*Symmerus*; unnecessary nom. nov. for *zonata* Giglio-Tos).

ABBREVIATIONS

- BMNH — British Museum (Natural History), London
IMZUT — Istituto e Museo di Zoologia, Università di Torino
MNHN — Muséum National d'Histoire Naturelle, Paris
MZSP — Museu de Zoologia, Universidade de São Paulo

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INDEX

| | |
|--|-------|
| <i>Australomyia</i> Freeman, 1951 | 19B.2 |
| <i>Australosymmerus</i> Freeman, 1951 | 19B.2 |
| <i>Austrosymmerus</i> , gen. n. | 19B.2 |
| <i>bifasciatus</i> (Williston), 1900 (<i>Plesiastina</i>), <i>Austrosymmerus</i> | 19B.2 |
| <i>bisetosus</i> (Edwards), 1940 (<i>Centrocnemis</i>), <i>Austrosymmerus</i> | 19B.2 |
| <i>bivittatus</i> (Freeman), 1951 (<i>Australomyia</i>), <i>Australosymmerus</i> .. | 19B.2 |
| <i>bororo</i> (Lane), 1947 (<i>Centrocnemis</i>), <i>Austrosymmerus</i> | 19B.2 |
| <i>Calliceratomyia</i> Lane, 1946 | 19B.4 |
| <i>Centrocnemis</i> Philippi, 1865 | 19B.2 |
| <i>collessi</i> , sp.n., <i>Neoclonisca</i> | 19B.3 |
| <i>conjuncta</i> (Freeman), 1951 (<i>Ditomyia</i>), <i>Nervijuncta</i> | 19B.4 |
| <i>fusca</i> Edwards, 1940, <i>Rhipidita</i> | 19B.4 |
| <i>guarani</i> (Lane), 1947 (<i>Centrocnemis</i>), <i>Austrosymmerus</i> | 19B.2 |
| <i>guayanasi</i> (Lane), 1947 (<i>Centrocnemis</i>), <i>Austrosymmerus</i> | 19B.2 |
| <i>incerta</i> (Bigot), 1888 (<i>Ditomyia</i>), <i>Nothosymmerus</i> | 19B.3 |
| <i>insolitus</i> (Walker), 1837 (<i>Platyura</i>), <i>Nothosymmerus</i> | 19B.3 |
| <i>laffooni</i> Lane, 1952, <i>Nervijuncta</i> | 19B.4 |
| <i>lenis</i> Johannsen, 1910 (<i>Symmerus</i>) | 19B.4 |
| <i>lenkoi</i> (Lane), 1959 (<i>Australosymmerus</i>), <i>Austrosymmerus</i> | 19B.2 |
| <i>marshalli</i> Lane, 1948, <i>Nervijuncta</i> | 19B.4 |
| <i>marshally</i> , error | 19B.4 |
| <i>mexicana</i> Giglio-Tos, 1890 (<i>Ditomyia</i>) | 19B.4 |
| <i>Neoclonisca</i> , gen. n. | 19B.3 |
| <i>Nervijuncta</i> Marshall, 1896 | 19B.4 |
| <i>nigra</i> Lane, 1952, <i>Rhipidita</i> | 19B.4 |
| <i>Nothosymmerus</i> , gen. n. | 19B.3 |
| <i>pectinata</i> Lane, 1946, <i>Calliceratomyia</i> | 19B.4 |
| <i>pedifer</i> (Edwards), 1940 (<i>Centrocnemis</i>), <i>Austrosymmerus</i> | 19B.3 |
| <i>Rhipidita</i> Edwards, 1940 | 19B.4 |
| <i>simplex</i> (Freeman), 1951 (<i>Australomyia</i>), <i>Australosymmerus</i> | 19B.2 |
| <i>stimagticus</i> (Philippi), 1865 (<i>Centrocnemis</i>), <i>Australosymmerus</i> .. | 19B.2 |
| <i>tupi</i> (Lane), 1947 (<i>Centrocnemis</i>), <i>Austrosymmerus</i> | 19B.3 |
| <i>zonata</i> Giglio-Tos, 1890 (<i>Ditomyia</i>) | 19B.4 |

19B.6





SciELO



MUSEU DE ZOOLOGIA, UNIVERSIDADE DE SÃO PAULO
(FORMERLY DEPARTAMENTO DE ZOOLOGIA, SECRETARIA DA AGRICULTURA, SÃO PAULO)

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

19 C

FAMILY KEROPLATIDAE

(CEROPLATIDAE, INCL. MACROCERIDAE)

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Keroplatid larvae spin mucus webs and some (*Arachnocampa* from New Zealand, *Orfelia fultoni* from North America) are luminescent. Larvae of *Keroplatus* are found in or on wood or on fungi, being primarily fungus-spore feeders. Those of *Macrocera* and *Orfelia* are found under rocks, in and under logs, or in soil around roots; larvae of *Orfelia* are primarily predatory; some species of *Macrocera* at least feed on both fungus spores and small animals. Those of *Neoditomyia* live in mucus webs under overhanging rocks and tree trunks, feeding on insects caught in these webs. Some species of *Orfelia* secrete oxalic acid droplets on the webs.

Distribution records include both published data and unpublished information obtained from Lane's collection, now in the Museu de Zoologia da Universidade de São Paulo. When the type repository is known, it is added to the respective species. Abbreviations used are:

- AMNH — American Museum of Natural History, New York.
- BMNH — British Museum (Natural History), London.
- CAS — California Academy of Sciences, San Francisco.
- IML — Instituto Miguel Lillo, Tucumán.
- MZSP — Museu de Zoologia, Universidade de São Paulo.
- STUT — Staatliches Museum für Naturkunde, Stuttgart-Ludwigsburg.
- USNM — United States National Museum, Washington, D. C.
- WIEN — Naturhistorisches Museum, Wien.

I am very much obliged to Dr. Loïc Matile (Muséum National d'Histoire Naturelle, Paris) for many suggestions and corrections.

19C.1

MUSEU DE ZOOLOGIA - USP

Subfamily KEROPLATINAE

Genus CEROTELION Rondani

- CEROTELION Rondani, 1856: 191. Type-species, *Platyura laticornis* Meigen (orig. des.) = *lineatus* (Fabricius).
Refs. — Lane, 1958b: 147 (key to species); Matile & Burghel-Balacescu, 1969: 82 (generic status).
- BORACENSIS (Lane), 1950a: 42 (*Ceroplatus*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♀, MZSP. N. COMB.
- DURETI (Lane), 1958: 147, fig. 2 (♂ genitalia) (*Keroplatus*). Type-locality: Argentina, Buenos Aires, Buenos Aires. Type ♂, MZSP. N. COMB.
- ENDERLEINI (Lane), 1948: 443, fig. 4 (♂ genitalia) (*Ceroplatus*). Type-locality: Brazil, São Paulo, Juquiá. Type ♂, MZSP, N. COMB.
- FLAVICORNIS (Freeman), 1951: 20 (*Ceroplatus*). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile (Llanquihue, Chiloé). Type ♂, BMNH. N. COMB.
- FUNEREUS (Freeman), 1951: 19 (*Ceroplatus*). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Neuquén, Río Negro), Chile (Llanquihue). Type ♂, BMNH. N. COMB.
- NIGRICANS (Lane), 1948: 444 (*Ceroplatus*). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♀, MZSP. N. COMB.

Genus DOLICHODACTYLA Freeman

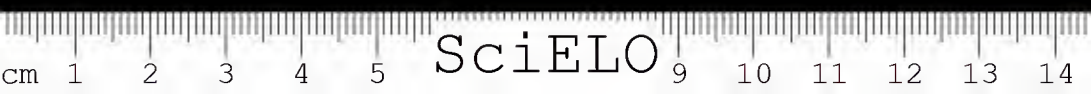
- DOLICHODACTYLA Freeman, 1951: 18. Type-species, *flavithorax* Freeman (orig. des.).
- FLAVITHORAX Freeman, 1951: 18, fig. 273 (wing). Type-locality: Chile, Llanquihue, Peulla. Type ♀, BMNH.

Genus EUCEROPLATUS Edwards

- Ceroplatus*, subg. EUCEROPLATUS Edwards, 1929: 174. Type-species, *notaticoxa* Senior-White (orig. des.).
Ref. — Matile, 1970: 779 (generic status).
- BELLULUS (Williston), 1900: 219, pl. 4, figs. 3 (whole insect), 3a (head) (*Ceroplatus*). Type-locality: Mexico, Tabasco, Teapa. Type ♂, BMNH. N. COMB.
- SINGULARIS (Lane), 1948: 445, fig. 10 (♂ genitalia) (*Ceroplatus*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP. N. COMB.

Genus HETEROPTERNA Skuse

- HETEROPTERNA Skuse, 1888: 1129. Type-species, *macleanyi* Skuse (mon.).
Refs. — Lane, 1948: 446 (key to spp.); Matile, 1971: 270 (generic status).
- ABDOMINALIS (Lane), 1948: 447, fig. 7 (♂ genitalia) (*Ceroplatus*). Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro. Distr. — Brazil (Rio de Janeiro, São Paulo). Type ♂, MZSP.



- MAJOR (Curran), 1928: 29 (*Cerotelion*). Type-locality: "Jamaica". Ref. — Edwards, 1940: 447. Type, AMNH.
- TETRALEUCA (Edwards), 1940: 446, pl. 18, fig. 3 (wing) (*Ceroplastus*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Rio de Janeiro to Santa Catarina). Type ♂, BMNH.
- TRILEUCA (Edwards), 1940: 447 (*Ceroplastus*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Trinidad, Brazil (Ceará, Rio de Janeiro, Santa Catarina), Argentina (Jujuy). Type ♂, BMNH.
- Genus *ISONEUROMYIA* Brunetti
- ISONEUROMYIA Brunetti, 1912: 66. Type-species, *annandalei* Brunetti (mon.). Ref. — Lane, 1948 (partial key to spp.).
- ARGENTEOTOMENTOSA (Kertész), 1909: 138, figs. 2a (♂ genitalia), 2b (wing) (*Platyura*). Type-locality: Peru, Callanga. Distr. — Peru, Brazil (Rio de Janeiro). Type ♂, lost. N. comb.
- ATRA (Lane), 1948: 456, fig. 14 (♂ genitalia) (*Platyura*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (Rio de Janeiro, São Paulo). Type ♂, MZSP.
- BICINGULATA (Edwards), 1940: 448 (*Platyura*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Rio de Janeiro to Santa Catarina). Ref. — Lane, 1948: 453, fig. 11 (♂ genitalia). Type ♂, BMNH. N. comb.
- BORINQUENI (Lane), 1950a: 49, fig. 10 (♂ genitalia) (*Platyura*). Type-locality: Costa Rica, San José. Type ♂, USNM. N. comb.
- BREVINERVUS (Shaw), 1940: 804 (*Platyura*). Type-locality: "Costa Rica". N. comb.
- ELEGANTULA (Williston), 1900: 218, pl. 4, fig. 2 (whole insect) (*Platyura*). Type-locality: Mexico, Guerrero, Omiltemi, 8000 feet. Type ♀, BMNH. N. comb.
- FALCAOI (Lane), 1961b: 1, fig. 1 (♂ genitalia) (*Platyura*). Type-locality: Brazil, Minas Gerais, Lagoa Santa (Gruta da Lapinha). Type ♂, MZSP. N. comb.
- FLAVOFASCIATA (Edwards), 1940: 449 (*Platyura*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♀, BMNH. N. comb.
- FORCIPATA (Kertész), 1909: 137, figs. 1a (♂ genitalia), 1b (wing) (*Platyura*). Type-locality: Peru, Callanga. Type ♂, lost. N. comb.
- GOIANENSIS (Lane), 1948: 454, fig. 12 (♂ genitalia) (*Platyura*). Type-locality: Brazil, Goiás, Corumbá. Type ♂, MZSP. N. comb.
- GRISEOFASCIATA (Edwards), 1933: 304 (*Platyura*). Type-locality: Bolivia, La Paz, Mapi, Sarampiuni. Distr. — Bolivia, Brazil (Espírito Santo, Rio de Janeiro). Refs. — Lane, 1950a: 48; 1961b: 2. Type ♂, Dresden.
- ICOMI Lane, 1959b: 110, fig. 3 (♂ genitalia). Type-locality: Brazil, Amapá, Serra do Navio. Type ♂, MZSP.
- LENKOI Lane, 1961a: 246. Type-locality: Brazil, Amapá, Serra do Navio. Type ♀, MZSP.

- LOPESI (Lane), 1950a: 50 (*Platyura*). Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro (Grajaú). Type ♀, MZSP.
- LUTEA (Freeman), 1951: 22 (*Platyura*). Type-locality: Chile, Chiloé, Castro. Distr. — Chile (Ñuble, Llanquihue, Chiloé). Type ♀, BMNH.
- NIGROFASCIATA (Freeman), 1951: 22 (*Platyura*). Type-locality: Chile, Valparaíso, Marga-Marga. Type ♂, USNM. N. comb.
- PAULISTANA (Lane), 1948: 455, fig. 13 (♂ genitalia) (*Platyura*). Type-locality: Brazil, São Paulo, Osasco. Type ♂, MZSP. N. comb.
- SESHIFORMIS (Edwards), 1940: 448 (*Platyura*). Type-locality: Santa Catarina, Nova Teutônia. Type ♀, BMNH. N. comb.
- TIMBIRA Lane, 1956: 128, fig. 8 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão (Cidade Azul). Type ♂, MZSP.
- TUCUMANA Lane, 1958b: 149, fig. 4 (♂ genitalia). Type-locality: Argentina, Tucumán, Lacavera. Type ♂, IML.
- XANTHOCERA (Edwards), 1931b: 256 (*Platyura*). Type-locality: Brazil, Pará. Distr. — Brazil (Pará, Goiás). Type ♀, BMNH. N. comb.

Genus KEROPLATUS Bosc

KEROPLATUS Bosc, 1792: 42. Type-species, *tipuloides* Bosc (mon.).

Ceroplatus, emend.

Ref. — Lane, 1958b: 145 (key to spp.).

- CARIBAI Lane, 1950a: 40, fig. 7 (♂ genitalia). Type-locality: Panama, Canal Zone, Barro Colorado I. Distr. — Panama, Trinidad. Type ♂, USNM.
- FIEBRIGI Edwards, 1934: 357. Type-locality: Paraguay, La Cordillera, San Bernardino. Distr. — Paraguay, Argentina (Misiones). Syntypes ♂ ♀, WIEN.
- GOLBACHI Lane, 1958b: 145, fig. 1 (♂ genitalia). Type-locality: Argentina, Salta, Urundel. Type ♂, IML.
- MEXICANUS Lane, 1948: 437. Type-locality: Mexico, Oaxaca, Tuxtepec. Distr. — Mexico (Oaxaca), Panama. Type ♀, MZSP.
- TOWNSENDI Lane, 1948: 438, fig. 1 (♂ genitalia). Type-locality: Brazil, São Paulo, Itaquaquecetuba. Distr. — Brazil (Pará, São Paulo, Santa Catarina). Type ♂, MZSP.

Genus MICRAPEMON Edwards

- MICRAPEMON Edwards, 1925: 523. Type-species, *Platyura parva* Williston (orig. des.).
- MAJUSCULUM (Edwards), 1940: 450 (*Platyura*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH. N. comb.
- PARVUM (Williston), 1896: 257 (*Platyura*). Type-locality: St. Vincent, W. I. Distr. — St. Vincent, Venezuela (Caracas), Brazil (Rio de Janeiro, São Paulo, Santa Catarina), Argentina (Tucumán). Refs. — Edwards, 1940: 450; Lane, 1950a: 55, fig. 15 (♂ genitalia). Syntypes ♂, BMNH.

Genus *NEOCEROPLATUS* Edwards, stat. n.

Ceroplatus, subg. *NEOCEROPLATUS* Edwards, 1941: 304. Type-species, *minimax* Edwards (orig. des.).

LAUROI (Lane), 1961: 243, fig. 1 (♂ genitalia) (*Keroplatus*). Type-locality: Brazil, Amapá, Rio Felício. Type ♂, MZSP. N. comb.

MINIMAX (Edwards), 1934: 358 (*Ceroplatus*). Type-locality: Costa Rica, Farm La Caja, 8 km w. of San José. Distr. — Costa Rica, Peru (Loreto), Brazil (Goiás, São Paulo). Refs. — Edwards, 1941: 304; Lane, 1948: 440. Type ♂, Hamburg (lost). N. comb.

PAICOENAI (Lane), 1950: 43, fig. 8 (♂ genitalia) (*Ceroplatus*; as *pacoenai*, in caption for fig., *lapsus*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP. N. comb.

Genus *NEODITOMYA* Lane & Sturm

NEODITOMYA Lane & Sturm, 1958: 199. Type-species, *colombiana* Lane & Sturm (orig. des.).

Refs. — Coher, 1963: 24 [footnote; synonymy with *Orfelia* (*Taulyrpa*)]; Sturm, 1973 (behavior of larvae).

AEROSPICATOR (Jackson), 1974: 240 (*Orfelia*). Type-locality: British Honduras, Cayo District, Blancaneaux Cave. Type ?♂, USNM. N. comb.

ANDINA Lane & Sturm, 1958: 201, figs. 1 (♂ genitalia), 2 (larva), 3 (larval head), 4-8 (larva spinning a catching thread). Type-locality: Colombia, Sierra de la Macarena, s. of Villavicencio, Río Zanza, 400-500 m. Type ♂, MZSP.

COLOMBIANA Lane & Sturm, 1958: 204, figs. 9 (wing), 10 (♂ genitalia), 11 (pupa), 12 (larval head). Type-locality: Colombia, Resina (w. Andes, between Garzón and Florencia), 1600-2000 m. Type ♂, MZSP.

TROGOPHILA Matile, 1978: 369, figs. 1 (habitus), 2 (♂ genitalia), 6-11 (larvae). Type-locality: Cuba.

Genus *ORFELIA* Costa

Zelmira Meigen, 1800: 16. Type-species, *Platyura fasciata* Meigen (Cockfield, 1910: 621). Suppressed ICZN, 1963: 339.

ORFELIA Costa, 1857: 448. Type-species, *Platyura fasciata* Meigen (Hardy, 1960: 200).

Platyura, authors.

Subgenus *APYRTULA* Edwards

Platyura, subg. *Apyrtula* Edwards, 1940: 451, *nomen nudum*.

Platyura, subg. *APYRTULA* Edwards, 1941: 306. Type-species, *abbrevinervis* Edwards (orig. des.).

ABBREVINERVIS (Edwards), 1941: 306 (*Platyura*). Type-locality: Brazil, Mato Grosso, Salobra. Type ♂, BMNH. N. comb.

SPATULATA (Edwards), 1940: 451 (*Platyura*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (São Paulo, Santa Catarina). Syntypes ♂ ♀, BMNH.

Subgenus LAPYRUTA Edwards

Platyura, subg. LAPYRUTA Edwards, 1929: 172. Type-species, *fasciventris* Williston (orig. des.).

FASCIVENTRIS (Williston), 1896: 258, pl. 8, fig. 11 (wing) (*Platyura*). Type-locality: St. Vincent, W. I. Syntypes ♀, BMNH. N. comb.

MATHESONI (Lane), 1961b: 3 (*Platyura*). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♀, MZSP. N. comb.

Subgenus LYPRAUTA Edwards

Platyura, subg. LYPRAUTA Edwards, 1931a: 77. Type-species, *defecta* Edwards (orig. des.).

Ref. — Lane, 1950a: 63 (partial key to spp.).

ALTICOLA (Lane), 1948: 450, fig. 9 (♂ genitalia) (*Platyura*). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil (São Paulo), Argentina (Salta, Catamarca, Buenos Aires). Type ♂, MZSP. N. comb.

AMAZONENSIS (Lane), 1958a: 211, fig. 3 (♂ genitalia) (*Platyura*). Type-locality: Brazil, Amazonas, Manaus (Igarapé do Mariano). Type ♂, MZSP. N. comb.

CHACOENSIS (Edwards), 1931a: 77 (*Platyura*). Type-locality: Argentina, Chaco, Tacaaglé. Distr. — Brazil (Rio de Janeiro to Santa Catarina), Argentina (Chaco). Type ♀, STUT. N. comb.

DEFECTA (Edwards), 1931a: 77 (*Platyura*). Type-locality: Grenada (W. I.), Balthazar. Type ♂, BMNH. N. comb.

KNABI (Lane), 1950a: 64, fig. 20 (♂ genitalia) (*Platyura*). Type-locality: Costa Rica, Puntarenas, nr. Aramuz. Type ♂, USNM. N. comb.

NUBILAPEX (Edwards), 1940: 452 (*Platyura*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Trinidad, Brazil (Amapá, Rio de Janeiro, São Paulo, Santa Catarina). Syntypes ♂ ♀, BMNH. N. comb.

PARAENSIS (Lane), 1958a: 212, fig. 5 (♂ genitalia) (*Platyura*). Type-locality: Brazil, Pará, Fordlândia, Rio Tapajós. Type ♂, MZSP. N. comb.

ZETEKI (Lane), 1950a: 54, fig. 21 (♂ genitalia) (*Platyura*). Type-locality: Panama, Canal Zone, Quarry Heights. Distr. — Panama, Trinidad. Type ♂, USNM. N. comb.

Subgenus NEOPLATYURA Malloch

NEOPLATYURA Malloch, 1928: 600, 601 (as genus). Type-species, *Platyura setiger* Johannsen (orig. des.).

Ref. — Lane, 1958b: 148 (key to spp.).

ACZELI (Lane), 1958b: 149, fig. 3 (♂ genitalia) (*Platyura*). Type-locality: Argentina, Salta, Tonono. Type ♂, IML. N. comb.

ANTUNESI (Lane), 1959b: 107 (*Platyura*). Type-locality: Brazil, Amapá, Serra do Navio. Type ♀, MZSP. N. comb.

IGNOBILIS (Williston), 1896: 257, pl. 8, fig. 9 (wing) (*Platyura*). Type-locality: St. Vincent, W. I. Distr. — St. Vincent, Panama to southern Brazil and Argentina (Misiones). Ref. — Lane, 1950a: 51, fig. 11 (♂ genitalia). Type ♂, BMNH. N. comb.

REGULARIS (Edwards), 1934: 355 (*Platyura*). Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Distr. — Brazil (Goiás, Rio de Janeiro, São Paulo). Type ♀, Halle. N. comb.

SAPARAI (Lane), 1950b: 140, fig. 2 (♂ genitalia) (*Platyura*). Type-locality: Brazil, São Paulo (Morumbi). Distr. — Trinidad, Brazil (Amapá, São Paulo). Type ♂, MZSP. N. comb.

Subgenus ORFELIA Costa

ANOMALA (Lane), 1960: 376, fig. 1 (♂ genitalia) (*Platyura*). Type-locality: Trinidad, Navy Base. Type ♂, MZSP. N. comb.

MAIAPENAI (Lane), 1950b: 143, fig. 4 (♂ genitalia) (*Platyura*). Type-locality: Brazil, São Paulo, São Paulo (Morumbi). Type ♂, MZSP. N. comb.

Subgenus PLAUTYRA Edwards

Platyura, subg. PLAUTYRA Edwards, 1941: 304. Type-species, *macilentia* Lynch Arribálzaga (orig. des.).

Ref. — Lane, 1950a: 65 (partial key to spp.).

AITKENI (Lane), 1961b: 4 (*Platyura*). Type-locality: Trinidad, Chaguaramas. Type ♂, MZSP. N. comb.

AUTUMNALIS (F. Lynch Arribálzaga), 1892: 433 (59) (*Platyura*). Type-locality: Argentina, Buenos Aires, Baradero and Las Conchas. Distr. — Brazil (Rio Grande do Sul), Argentina. N. comb.

BATESI (Edwards), 1931b: 256 (*Platyura*). Type-locality: Brazil, Pará. Type ♀, BMNH.

EURMEISTERI (Edwards), 1934: 255 (*Platyura*). Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Type ♀, Halle. N. comb.

INCASICA (Lane), 1950a: 68 (*Platyura*). Type-locality: Peru, Loreto, Iquitos. Distr. — Trinidad, Peru (Loreto), Brazil (Pará, São Paulo). Type ♀, USNM. N. comb.

MACILENTA (F. Lynch Arribálzaga), 1892: 432 (58) (*Platyura*). Type-locality: Argentina, Chaco, near Formosa. Distr. — Brazil (Goiás, São Paulo), Argentina. Ref. — Lane, 1948: 449. N. comb.

SALOBRENSIS (Edwards), 1941: 305, pl. 15, fig. 2 (wing) (*Platyura*). Type-locality: Brazil, Mato Grosso, Salobra. Distr. — Trinidad, Panama, Brazil (Mato Grosso). Type ♂, BMNH. N. comb.

SHANNONI (Lane), 1948: 449 (*Platyura*). Type-locality: Brazil, Rio de Janeiro, Teresópolis. Type ♀, MZSP. N. comb.

TAMOYOI (Lane), 1950a: 66, fig. 22 (♂ genitalia) (*Platyura*). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil (Rio de Janeiro, São Paulo). Type ♂, MZSP. N. comb.

Subgenus PSEUDOPLATYURA Skuse

PSEUDOPLATYURA Skuse, 1888: 1180 (as genus). Type-species, *dux* Skuse (mon.).

SOUZAI (Lane), 1959a: 184, fig. 2 (♂ genitalia) (*Platyura*). Type-locality: Brazil, Minas Gerais, Serra do Cipó. Type ♂, MZSP. N. comb.

Subgenus PYRATULA Edwards

Platyura, subg. PYRATULA Edwards, 1929: 167. Type-species, *zonata* Zetterstedt (orig. des.).

PARAGUAYANA (Edwards), 1934: 356 (*Platyura*). Type-locality: Paraguay, La Cordillera, San Bernardino. Distr. — Brazil (Goiás), Paraguay. Type ♂, WIEN. N. comb.

Subgenus PYRTAULA Edwards

Platyura, subg. PYRTAULA Edwards, 1929: 166. Type-species, *agricolae* Marshall (orig. des.).

BIGUTTATA (Freeman), 1951: 23 (*Platyura*). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Argentina (Chubut), Chile (Llanquihue). Type ♂, BMNH. N. comb.

CONSIMILIS (Freeman), 1951: 25 (*Platyura*). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Llanquihue). Type ♂, BMNH. N. comb.

DELPONTEI (Lane), 1963: 4, fig. 1 (♂ genitalia) (*Platyura*). Type-locality: Argentina, Tierra del Fuego, Lago Fagnano. Type ♂, MZSP. N. comb.

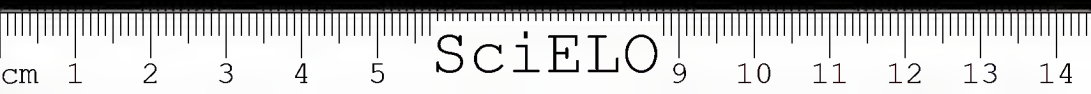
FERRUGINEA (Freeman), 1951: 25 (*Platyura*). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Chubut), Chile (Llanquihue, Chiloé). Type ♂, BMNH. N. comb.

INAEQUALIS (Freeman), 1951: 24 (*Platyura*). Type-locality: Argentina, Río Negro, Puerto Blest. Distr. — Argentina (Río Negro), Chile (Chiloé). Type ♂, BMNH. N. comb.

INFUMATA (Freeman), 1951: 23 (*Platyura*). Type-locality: Chile, Chiloé, Puerto Montt. Type ♀, EMNH. N. comb.

QUASILINEATA (Edwards), 1919: 144, fig. 5 (wing) (*Platyura*). Type-locality: Ecuador, El Angel, 3020m. Type ♀, Mus. Nat. Hist. Nat., Paris (Matile exam.). N. comb.

TRIANGULIFERA (Freeman), 1951: 25 (*Platyura*). Type-locality: Chile, Chiloé, Puerto Montt. Distr. — Chile (Llanquihue, Chiloé). Type ♂, BMNH. N. comb.



Subgenus RYPATULA Edwards

Platyura, subg. RYPATULA Edwards, 1929: 167. Type-species, *brevis* Tonnoir (orig. des.).

CHILENSIS (Freeman), 1951: 21 (*Platyura*). Type-locality: Chile, Llanquihuc, Puculla. Type ♂, BMNH. N. comb.

Subgenus TAULYRPA Edwards

Platyura, subg. TAULYRPA Edwards, 1929: 171. Type-species, *Cerotelion vespiformis* Enderlein (orig. des.).

AMAPAENSIS (Lane), 1959b: 108, fig. 2 (♂ genitalia) (*Platyura*). Type-locality: Brazil, Amapá, Serra do Navio. Type ♂, MZSP. N. comb.

MONOCHROMA (Edwards), 1933: 304 (*Platyura*). Type-locality: Peru, Pasco, Pichis, Puerto Bermúdez. Distr. — Peru (Pasco), Brazil (São Paulo). Ref. — Lane, 1950a: 56, fig. 16 (♂ genitalia). Type ♂, Dresden. N. comb.

VESPIFORMIS (Enderlein), 1910: 147 (*Cerotelion*). Type-locality: Brazil, Santa Catarina. Distr. — Brazil (Goiás, Santa Catarina). Ref. — Lane, 1950a: 55, fig. 14 (♂ genitalia). Type ♂, Stettin. N. comb.

Subgenus XENOPLATYURA Malloch

XENOPLATYURA Malloch, 1928: 600, 601 (as genus). Type-species, *Platyura conformis* Skuse (orig. des.).

Ref. — Lane, 1961b: 7 (key to spp.).

BICELLII (Lane), 1961a: 245 (*Platyura*). Type-locality: Brazil, Amapá, Rio Felício. Type ♀, MZSP. N. comb.

COHERI (Lane), 1950b: 142, fig. 3 (♂ genitalia) (*Platyura*). Type-locality: Brazil, Goiás, Corumbá. Distr. — Trinidad, Brazil (Goiás), Argentina (Tucumán). Type ♂, MZSP. N. comb.

GALINDOI (Lane), 1961b: 7, fig. 4 (♀ terminalia) (*Platyura*). Type-locality: Panama, Tapagra. Type ♀, MZSP. N. comb.

MANAOSSENSIS (Lane), 1961b: 9 (*Platyura*). Type-locality: Brazil, Amazonas, Manaus (Igarapé do Francês). Type ♂, MZSP. N. comb.

TAPUIAI (Lane), 1950a: 53, fig. 13 (♂ genitalia) (*Platyura*). Type-locality: Brazil, Minas Gerais, Lassance. Distr. — Trinidad, Brazil (Pará, Minas Gerais, Rio de Janeiro, São Paulo), Argentina (Chaco). Type ♂, MZSP. N. comb.

Genus PLACOCERATIAS Enderlein

PLACOCERATIAS Enderlein, 1910: 149. Type-species, *bimaculipennis* Enderlein (orig. des.).

BARRETTOI (Lane), 1948: 440, fig. 2 (♂ genitalia) (*Ceroplastus*). Type-locality: Brazil, Goiás, Corumbá. Distr. — Brazil (Goiás, Minas Gerais). Type ♂, MZSP. N. comb.

BIMACULIPENNIS Enderlein, 1910: 149. Type-locality: Brazil, Santa Catarina. Distr. — Brazil (Mato Grosso, Santa Catarina). Type ♂, Stettin.

- FLUCITHORAX Enderlein, 1910: 152. Type-locality: Brazil, Santa Catarina. Type ♂, Stettin.
- IMITANS (Lane), 1948: 442, fig. 3 (♂ genitalia) (*Ceroplatus*). Type-locality: Brazil, São Paulo, Porto Cabral. Type ♂, MZSP. N. comb.
- LONGIMANUS (Williston), 1896: 258, pl. 8, fig. 12 (wing) (*Ceroplatus*). Type-locality: St. Vincent, W. I. Distr. — St. Vincent, Trinidad, Panama, Peru. Type ♂, BMNH. N. comb.
- UARACUI (Lane), 1950a: 46, fig. 9 (♂ genitalia) (*Ceroplatus*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (São Paulo), Argentina (Tucumán). Type ♂, MZSP. N. comb.

Genus PLATYROPTILON Westwood

- Platyura*, subg. PLATYROPTILON Westwood, 1849: 231. Type-species, *miersii* Westwood (mon.).
- Ref. — Duret, 1975 (key to spp.).
- DURETI Lane, 1956: 122, figs. 1 (wing), 2 (♂ genitalia). Type-locality: Brazil, Minas Gerais, Juiz de Fora. Type ♂, MZSP.
- MIERSII (Westwood), 1849: 231, pl. 23, figs. 3 (whole insect), 3a-b (head), 3c (antenna), 3d (wing), 3e-f (legs) (*Platyura*). Type-locality: "Brazil". Distr. — Brazil (São Paulo), Argentina (Tucumán, Misiones, Buenos Aires). Ref. — Duret, 1975: 291, figs. 1-5 (wing, claw, ♂ genitalia).
- MISIONENSIS Duret, 1975: 295, figs. 8-11 (antenna, wing, ♂ genitalia). Type-locality: Argentina, Misiones, San Ignacio, Arroyo Barra Bonita. Type ♂, Coll. Duret.
- RAMICORNIS Enderlein, 1910: 145. Type-locality: Brazil, Santa Catarina. Distr. — Brazil (Rio de Janeiro to Santa Catarina). Refs. — Edwards, 1924: 360; Lane, 1947: 345; Duret, 1975: 294, figs. 6-7 (♂ genitalia).
- ZERNYI Edwards, 1934: 358. Type-locality: Brazil, Pará, Belém. Distr. — Peru, Brazil (Pará). Ref. — Lane, 1962a: 10, fig. 1 (♂ genitalia). Type ?♀, WIEN.

Genus PROCEROPLATUS Edwards

- PROCEROPLATUS Edwards, 1925: 523. Type-species, *Platyura pictipennis* Williston (orig. des.).
- Calliplatyura* Malloch, 1928: 600 (as *Calloplatyura*, p. 601). Type-species, *Platyura elegans* Coquillett (orig. des.).
- Refs. — Lane, 1956 (key); Matile, 1973: 923 (generic status).
- BORGMEIERI (Shaw), 1940: 803 (*Platyura*). Type-locality: Costa Rica, San Mateo. N. comb.
- CATHARINAE (Edwards), 1932: 139 (*Platyura*). Type-locality: Brazil, Santa Catarina, Bom Retiro. Distr. — Brazil (Goiás, Rio de Janeiro, São Paulo, Santa Catarina). Type ♂, BMNH. N. comb.



- GUAYANASI (Lane), 1950a: 59, fig. 17 (δ genitalia) (*Platyura*). Type-locality: Brazil, São Paulo, São Paulo (Santo Amaro). Type δ , MZSP. N. comb.
- IAUNAI (Lane), 1956: 126, figs. 4-5 (wing, δ genitalia) (*Platyura*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (São Paulo, Santa Catarina). Type δ , BMNH. N. comb.
- KERTESZI (Lane), 1956: 125 (*Platyura*; nom. nov. for *elegans* Kertész). Type-locality: Peru, Vilcanota. Distr. — Peru (Loreto), Brazil (Amazonas, Pará, Amapá). Refs. — Lane, 1956: 125, fig. 2 (wing); 1959: 108, fig. 1 (δ genitalia). N. comb.
- elegans* Kertész, 1901: 404, pl. 20, fig. 2 (wing) (*Platyura*; preocc. Coquillett, 1895). Type-locality: Peru, Vilcanota. Type δ , lost.
- PARAMARIBOENSIS (Edwards), 1934: 356, fig. 1 (wing) (*Platyura*). Type-locality: Surinam, Paramaribo. Distr. — Costa Rica, Trinidad, Surinam. Type φ , WIEN. N. comb.
- PICTIPENNIS (Williston), 1896: 257, pl. 8, fig. 10 (wing) (*Platyura*). Type-locality: St. Vincent, W. I. Distr. — St. Vincent, Trinidad. Ref. — Edwards, 1925: 523. Syntypes δ φ , BMNH. N. comb.
- PUNCTICOXALIS (Edwards), 1940: 451, pl. 18, fig. 4 (wing) (*Platyura*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Amazonas, Amapá, São Paulo, Santa Catarina), Argentina (Chaco). Syntypes δ φ , BMNH. N. comb.
- RABELLOI (Lane), 1956: 127, fig. 6 (wing) (*Platyura*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Peru (Tingo Maria), Brazil (São Paulo). Type φ , MZSP. N. comb.
- STONEI (Lane), 1950a: 60, fig. 18 (δ genitalia) (*Platyura*). Type-locality: "Jamaica". Type δ , USNM. N. comb.
- TERENOI (Lane), 1950a: 61, fig. 19 (δ genitalia) (*Platyura*). Type-locality: Brazil, Mato Grosso. Ref. — Lane, 1956: 127, fig. 7 (wing). Type δ , MZSP. N. comb.
- TRINIDADENSIS (Lane), 1960: 379, fig. 3 (δ genitalia) (*Platyura*). Type-locality: Trinidad, Navy Base. Type δ , MZSP. N. comb.
- VARIVENTRIS (Edwards), 1931a: 76 (*Platyura*). Type-locality: Bolivia, Villa Montes. Type φ , STUT.
- VENUSTIPENNIS (Shaw), 1940: 804 (*Platyura*). Type-locality: Costa Rica, San Mateo. N. comb.
- VILLASBOASI (Lane), 1961b: 5, fig. 2 (wing), 3 (δ genitalia) (*Platyura*). Type-locality: Brazil, Pará, Cachimbo. Type δ , MZSP. N. comb.
- VITTATUS (Fisher), 1941: 8 (*Platyura*). Type-locality: Costa Rica. N. comb.

Subfamily MACROCERINAE

Genus MACROCERA Meigen

Euphrosyne Meigen, 1800: 16. Type-species, *Macrocera lutea* Meigen (Coquillett, 1910: 542). Suppressed ICZN, 1963: 339.

- MACROCERA Meigen, 1803: 261. Type-species, *lutea* Meigen (Curtis, 1837: pl. 637). ,
- ANTENNATA Freeman, 1951: 15, fig. 272 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro), Chile (Santiago, Concepción, Llanquihue, Chiloé). Type ♂, BMNH.
- ARMATA Freeman, 1951: 17. Type-locality: Argentina, Tierra del Fuego, Lago Yuvín. Type ♂, BMNH.
- CHILENA Lane, 1962b: 528, fig. 1 (wing). Type-locality: Chile, Llanquihue, Los Muermos, Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, CAS.
- CONCINNA Williston, 1896: 255, pl. 8, fig. 7 (wing). Type-locality: St. Vincent, W. I. Syntypes ♂ ♀, BMNH.
- FLAVESCENS Freeman, 1951: 15. Type-locality: Argentina, Río Negro, Lago Gutiérrez. Type ♂, BMNH.
- FLAVITHORAX Freeman, 1951: 16. Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Llanquihue). Type ♂, BMNH.
- FLAVOBRUNNEA Freeman, 1951: 14. Type-locality: Chile, Chiloé, Puerto Montt. Type ♂, BMNH.
- FUMIDAPEX Freeman, 1954: 25. Type-locality: Juan Fernandez Is., Masafuera, Quebrada de las Casas, 1800 m. Type ♂, Universidad de Chile, Santiago.
- FUNEREA Freeman, 1951: 14. Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Juan Fernandez Is. (Masatierra), Chile (Llanquihue, Chiloé), Argentina (Río Negro, Tierra del Fuego). Type ♂, BMNH.
- GUAIANASI Lane, 1950a: 36. Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♀, MZSP.
- GUARANI Lane, 1950a: 37, figs. 3 (wing), 4 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (Goiás, São Paulo, Paraná). Type ♂, MZSP.
- HORRIDA Freeman, 1951: 15. Type-locality: Argentina, Río Negro, Puerto Blest. Distr. — Argentina (Río Negro, Chubut), Chile (Llanquihue). Type ♂, BMNH.
- INAEQUALIS Freeman, 1951: 16. Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Chiloé). Type ♂, BMNH.
- KAINGANGI Lane, 1950a: 34, fig. 1 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- MATILEI, nom. nov. for *nobilis* Edwards. Type-locality: Colombia, Cordillera Central, Paso del Quindín, 3000 m.
- nobilis* Edwards, 1934: 354 (preocc. Johnson, 1922). Type-locality: Colombia, Cordillera Central, Paso del Quindín, 3000 m. Type ♀, WIEN.
- PERPICTULA Edwards, 1940: 445, pl. 18, fig. 2 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Santa Catarina), Argentina (Misiones). Type ♂, BMNH.

- PICTA Freeman, 1951: 13. Type-locality: Chile, Chiloé, Puntra. Type ♂, BMNH.
- PLAUMANNI Edwards, 1940: 445. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Golás to Rio de Janeiro and Santa Catarina), Argentina (Tucumán, Corrientes, Misiones). Rcf. — Lane, 1950a: 35, fig. 2 (♂ genitalia). Syntypes ♂ ♀, BMNH.
- SIANNONI Lane, 1947: 344. Type-locality: Brazil, Mato Grosso, Maracaju. Type ♂, MZSP.
- TAMOYOI Lane, 1950a: 39, fig. 6 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (Rio de Janeiro, São Paulo). Type ♂, MZSP.
- TESTACEA Philippi, 1865: 617. Type-locality: "Chile".
- THOMSONI E. Lynch Arribálzaga, 1882: 116 (nom. nov. for *fascipennis* Thomson). Type-locality: "Patagonia".
- fascipennis* Thomson, 1869: 448 (preocc. Staeger, 1840). Type-locality: "Patagonia".
- UNICA Fisher, 1939: 227, pl. 13, figs. 1-2 (wing, tip of fore tibia). Type-locality: Costa Rica, San José. Type ♂, Academy of Natural Sciences, Philadelphia.
- UNIDENS Edwards. 1931b: 255. Type-locality: Peru, Lima, San Bartolomé. Type ♂, BMNH.
- VALDIVIANA Philippi, 1865: 617. Type-locality: Chile, Valdivia, Corral.

Genus PARAMACROCERA Edwards

- PARAMACROCERA Edwards, 1927: 778. Type-species, *brevicornis* Edwards (orig. des.)
- ANOMALA Freeman, 1951: 18. Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Tierra del Fuego). Type ♂, BMNH.

Unplaced Keroplatidae

- MIRA Tarwid, 1936: 40, fig. 8 (♂ genitalia) [*Zelmira* (*Neoplatyura*)]. Type-locality: ?Peru (Coll. Jelski).
- OBSCURUS Philippi, 1865: 618, pl. 23, fig. 8 (whole insect) (*Ceroplastus*). Type-locality: Chile, Valdivia.
- RUBENS Wiedemann, 1828: 60 (*Platyura*). Type-locality: "Brazil".
- SUBANNULATA Philippi, 1865: 620 (*Platyura*). Type-locality: "Chile".

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INDEX

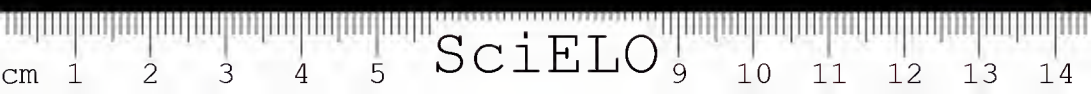
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| abbrevinervis (Edwards), 1941 (<i>Platyura</i>), <i>Orfelina</i> (<i>Apyrtula</i>) | 19C.5 |
| abdominalis (Lane), 1948 (<i>Ceroplatus</i>), <i>Heteropterna</i> | 19C.2 |
| aczeli (Lane), 1958 (<i>Platyura</i>), <i>Orfelina</i> (<i>Neoplatyura</i>) | 19C.6 |
| aerospicator (Jackson), 1974 (<i>Orfelina</i>), <i>Neoditomyia</i> | 19C.5 |
| aikeni (Lane), 1961 (<i>Platyura</i>), <i>Orfelina</i> (<i>Plautyura</i>) | 19C.7 |
| alticola (Lane), 1948 (<i>Platyura</i>), <i>Orfelina</i> (<i>Lyprauta</i>) | 19C.6 |
| amapaensis (Lane), 1959 (<i>Platyura</i>), <i>Orfelina</i> (<i>Taulyrpa</i>) | 19C.9 |
| amazonensis (Lane), 1958 (<i>Platyura</i>), <i>Orfelina</i> (<i>Lyprauta</i>) | 19C.6 |
| andina Lane & Sturm, 1958, <i>Neoditomyia</i> | 19C.5 |
| anomala (Lane), 1960 (<i>Platyura</i>), <i>Orfelina</i> (<i>Orfelina</i>) | 19C.7 |
| anomala Freeman, 1951, <i>Paramacrocera</i> | 19C.13 |
| antennata Freeman, 1951, <i>Macrocera</i> | 19C.12 |
| antunesi (Lane), 1959 (<i>Platyura</i>), <i>Orfelina</i> (<i>Neoplatyura</i>) | 19C.7 |
| <i>Apyrtula</i> Edwards, 1940 | 19C.5 |
| <i>Apyrtula</i> Edwards, 1941 | 19C.5 |
| argenteotomentosa (Kertész), 1909 (<i>Platyura</i>), <i>Isonneuromyia</i> .. | 19C.3 |
| armata Freeman, 1951, <i>Macrocera</i> | 19C.12 |
| atra (Lane), 1948 (<i>Platyura</i>), <i>Isonneuromyia</i> | 19C.3 |
| autumnalis (Lynch Arribálzaga), 1890 (<i>Platyura</i>), <i>Orfelina</i> (<i>Plautyura</i>) | 19C.7 |
| barrettoi (Lane), 1948 (<i>Ceroplatus</i>), <i>Placoceratias</i> | 19C.9 |
| batesi (Edwards), 1931 (<i>Platyura</i>), <i>Orfelina</i> (<i>Plautyura</i>) | 19C.7 |
| bellulus (Williston), 1900 (<i>Ceroplatus</i>), <i>Euceroplatus</i> | 19C.2 |
| bicellii (Lane), 1961 (<i>Platyura</i>), <i>Orfelina</i> (<i>Xenoplatyura</i>) | 19C.9 |

19C.18



| | |
|---|--------|
| bicingulata (Edwards), 1940 (Platyura), Isoneuromyia | 19C.3 |
| biguttata (Freeman), 1951 (Platyura), Orfelia (Pyrtaula) | 19C.8 |
| bimaculipennis Enderlein, 1910, Placoceratias | 19C.9 |
| boracensis (Lane), 1950 (Ceroptatus), Cerotelion | 19C.2 |
| borgmeieri (Shaw), 1940 (Platyura), Proceroplatus | 19C.10 |
| borinqueni (Lane), 1950 (Platyura), Isoneuromyia | 19C.3 |
| brevinervus (Shaw), 1940 (Platyura), Isoneuromyia | 19C.3 |
| burmeisteri (Edwards), 1934 (Platyura), Orfelia (Platyra) | 19C.7 |
| <i>Calliplatyura</i> Malloch, 1928 | 19C.10 |
| <i>Calloplatyura</i> , lapsus | 19C.10 |
| caribai Lane, 1950, Keroplatus | 19C.4 |
| catharinae (Edwards), 1932 (Platyura), Proceroplatus | 19C.10 |
| <i>Ceroptatus</i> , emend. | 19C.4 |
| Cerotelion Rondani, 1856 | 19C.2 |
| chacoensis (Edwards), 1931 (Platyura), Orfelia (Lyprauta) | 19C.6 |
| chilena Lane, 1962, Macrocera | 19C.12 |
| chilensis (Freeman), 1951 (Platyura), Orfelia (Rypatula) | 19C.9 |
| coheri (Lane), 1950 (Platyura), Orfelia (Xenoplasyura) | 19C.9 |
| colombiana Lane & Sturm, 1958, Neoditomyia | 19C.5 |
| concinna Williston, 1896, Macrocera | 19C.12 |
| consimilis (Freeman), 1951 (Platyura), Orfelia (Pyrtaula) | 19C.8 |
| defecta (Edwards), 1931 (Platyura), Orfelia (Lyprauta) | 19C.6 |
| delpontei (Lane), 1963 (Platyura), Orfelia (Pyrtaula) | 19C.8 |
| Dolichodactyla Freeman, 1951 | 19C.2 |
| dureti (Lane), 1958 (Keroplatus), Cerotelion | 19C.2 |
| dureti Lane, 1956, Platyroptilon | 19C.10 |
| <i>elegans</i> (Kertész), 1901 (Platyura), Proceroplatus | 19C.11 |
| elegantula (Williston), 1900 (Platyura), Isoneuromyia | 19C.3 |
| enderleini (Lane), 1948 (Ceroptatus), Cerotelion | 19C.2 |
| Euceroptatus Edwards, 1929 | 19C.2 |
| <i>Euphrosyne</i> Meigen, 1800 | 19C.11 |
| falcaoi (Lane), 1961 (Platyura), Isoneuromyia | 19C.3 |
| fascipennis Thomson, 1869, Macrocera | 19C.13 |
| fasciventris (Williston), 1896 (Platyura), Orfelia (Lapyrta) | 19C.6 |
| ferruginea (Freeman), 1951 (Platyura), Orfelia (Pyrtaula) | 19C.8 |
| fiebrigi Edwards, 1934, Keroplatus | 19C.4 |
| flavescens Freeman, 1951, Macrocera | 19C.12 |
| flavicornis (Freeman), 1951 (Ceroptatus), Cerotelion | 19C.2 |
| flavithorax Freeman, 1951, Dolichodactyla | 19C.2 |
| flavithorax Freeman, 1951, Macrocera | 19C.12 |
| flavobrunnea Freeman, 1951, Macrocera | 19C.12 |
| flavofasciata (Edwards), 1940 (Platyura), Isoneuromyia | 19C.3 |
| forcipata (Kertész), 1909 (Platyura), Isoneuromyia | 19C.3 |
| fumidapex Freeman, 1954, Macrocera | 19C.12 |
| funerea Freeman, 1951, Macrocera | 19C.12 |
| funereus (Freeman), 1951 (Ceroptatus), Cerotelion | 19C.2 |
| fuscithorax Enderlein, 1910, Placoceratias | 19C.10 |

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| galindoi (Lane), 1961 (Platyura), Orfelia (Xenoplatyura) | 19C.9 |
| goianensis (Lane), 1948 (Platyura), Isoneuromyia | 19C.3 |
| golbachi Lane, 1958, Keroplatus | 19C.4 |
| griseofasciata (Edwards), 1933 (Platyura), Isoneuromyia | 19C.3 |
| gualanasi Lane, 1950, Macrocera | 19C.12 |
| guarani Lane, 1950, Macrocera | 19C.12 |
| guayanasi (Lane), 1950 (Platyura), Proceroplatus | 19C.11 |
| Heteropterna Skuse, 1888 | 19C.2 |
| horrida Freeman, 1951, Macrocera | 19C.12 |
| iaunai (Lane), 1956 (Platyura), Proceroplatus | 19C.11 |
| iconi Lane, 1959, Isoneuromyia | 19C.3 |
| ignobilis (Williston), 1896 (Platyura), Orfelia (Neoplatyura) | 19C.7 |
| imitans (Lane), 1948 (Keroplatus), Placoceratias | 19C.10 |
| inaequalis Freeman, 1951, Macrocera | 19C.12 |
| inaequalis (Freeman), 1951 (Platyura), Orfelia (Pyrtaula) | 19C.8 |
| incasica (Lane), 1950 (Platyura), Orfelia (Plautyura) | 19C.7 |
| infumata (Freeman), 1951 (Platyura), Orfelia (Pyrtaula) | 19C.8 |
| Isoneuromyia Brunetti, 1912 | 19C.3 |
| kaingangi Lane, 1950, Macrocera | 19C.12 |
| Keroplatinae | 19C.2 |
| Keroplatus Bosc, 1792 | 19C.4 |
| kerteszi (Lane), 1956 (Platyura), Proceroplatus | 19C.11 |
| knabi (Lane), 1950 (Platyura), Orfelia (Lyprauta) | 19C.6 |
| Lapyruta Edwards, 1929 | 19C.6 |
| lauroi (Lane), 1961 (Keroplatus), Neoceroptatus | 19C.5 |
| lenkoi Lane, 1961, Isoneuromyia | 19C.3 |
| longimanus (Williston), 1896 (Ceroptatus), Placoceratias | 19C.10 |
| lopsi (Lane), 1950 (Platyura), Isoneuromyia | 19C.4 |
| lutea (Freeman), 1951 (Platyura), Isoneuromyia | 19C.4 |
| Lyprauta Edwards, 1931 | 19C.6 |
| macilentia (Lynch Arribáizaga), 1890 (Platyura), Orfelia (Plau- tyra) | 19C.7 |
| Macrocera Meigen, 1803 | 19C.12 |
| Macrocerinae | 19C.11 |
| maiapenai (Lane), 1950 (Platyura), Orfelia (Orfelia) | 19C.7 |
| major (Curran), 1928 (Cerotelson), Heteropterna | 19C.3 |
| majusculum (Edwards), 1940 (Platyura), Micrapemon | 19C.4 |
| manaosensis (Lane), 1961 (Platyura), Orfelia (Xenoplatyura) | 19C.9 |
| mathesoni (Lane), 1961 (Platyura), Orfelia (Lapyruta) | 19C.6 |
| matilei, nom. nov., Macrocera | 19C.12 |
| mexicanus Lane, 1948, Keroplatus | 19C.4 |
| Micrapemon Edwards, 1925 | 19C.4 |
| miersii (Westwood), 1849 (Platyura), Platyroptilon | 19C.10 |
| minimax (Edwards), 1934 (Ceroptatus), Neoceroptatus | 19C.5 |
| mira Tarwid, 1936 [Zelmira (Neoplatyura)] | 19C.13 |
| misionensis Duret, 1975, Platyroptilon | 19C.10 |
| monochroma (Edwards), 1933 (Platyura), Orfelia (Taulyrpa) | 19C.9 |



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|---|--------------|
| <i>Neoceroptatus</i> Edwards, 1941 | 19C.5 |
| <i>Neoditomyia</i> Lane & Sturm, 1958 | 19C.5 |
| <i>Neoplatyura</i> Malloch, 1928 | 19C.6 |
| <i>nigricans</i> (Lane), 1948 (<i>Ceroptatus</i>), <i>Cerotelion</i> | 19C.2 |
| <i>nigrofasciata</i> (Freeman), 1951 (<i>Platyura</i>), <i>Isoneuromyia</i> | 19C.4 |
| <i>nobilis</i> Edwards, 1934, <i>Macrocera</i> | 19C.12 |
| <i>nubilapex</i> (Edwards), 1940 (<i>Platyura</i>), <i>Orfelia</i> (<i>Lyprauta</i>) | 19C.6 |
| <i>obscurus</i> Philippi, 1865 (<i>Ceroptatus</i>) | 19C.13 |
| <i>Orfelia</i> Costa, 1857 | 19C.5, 19C.7 |
| <i>pacoenai</i> , lapsus | 19C.5 |
| <i>pacoenai</i> (Lane), 1950 (<i>Ceroptatus</i>), <i>Neoceroptatus</i> | 19C.5 |
| <i>paraensis</i> (Lane), 1958 (<i>Platyura</i>), <i>Orfelia</i> (<i>Lyprauta</i>) | 19C.6 |
| <i>paraguayana</i> (Edwards), 1934 (<i>Platyura</i>), <i>Orfelia</i> (<i>Pyratula</i>) | 19C.8 |
| <i>Paramacrocera</i> Edwards, 1927 | 19C.13 |
| <i>paramariboensis</i> (Edwards), 1934 (<i>Platyura</i>), <i>Proceroptatus</i> ... | 19C.11 |
| <i>parvum</i> (Williston), 1896 (<i>Platyura</i>), <i>Micrapemon</i> | 19C.4 |
| <i>paulistana</i> (Lane), 1948 (<i>Platyura</i>), <i>Isoneuromyia</i> | 19C.4 |
| <i>perpictula</i> Edwards, 1940, <i>Macrocera</i> | 19C.12 |
| <i>picta</i> Freeman, 1951, <i>Macrocera</i> | 19C.13 |
| <i>pictipennis</i> (Williston), 1896 (<i>Platyura</i>), <i>Proceroptatus</i> | 19C.11 |
| <i>Placoceratias</i> Enderlein, 1910 | 19C.9 |
| <i>Platyroptilon</i> Westwood, 1849 | 19C.10 |
| <i>Platyura</i> , authors | 19C.5 |
| <i>plumanni</i> Edwards, 1940, <i>Macrocera</i> | 19C.13 |
| <i>Plautyura</i> Edwards, 1941 | 19C.7 |
| <i>Proceroptatus</i> Edwards, 1925 | 19C.10 |
| <i>Pseudoplatyura</i> Skuse, 1888 | 19C.8 |
| <i>puncticoxalis</i> (Edwards), 1940 (<i>Platyura</i>), <i>Proceroptatus</i> | 19C.11 |
| <i>Pyratula</i> Edwards, 1929 | 19C.8 |
| <i>Pyrtaula</i> Edwards, 1929 | 19C.8 |
| <i>quasilineata</i> (Edwards), 1919 (<i>Platyura</i>), <i>Orfelia</i> (<i>Pyrtaula</i>) | 19C.8 |
| <i>rabelloi</i> (Lane), 1956 (<i>Platyura</i>), <i>Proceroptatus</i> | 19C.11 |
| <i>ramicornis</i> Enderlein, 1910, <i>Platyroptilon</i> | 19C.10 |
| <i>regularis</i> (Edwards), 1934 (<i>Platyura</i>), <i>Orfelia</i> (<i>Neoplatyura</i>) | 19C.7 |
| <i>rubens</i> Wiedemann, 1828 (<i>Platyura</i>) | 19C.13 |
| <i>Rypatula</i> Edwards, 1929 | 19C.9 |
| <i>salcbrensis</i> (Edwards), 1941 (<i>Platyura</i>), <i>Orfelia</i> (<i>Plautyura</i>) | 19C.7 |
| <i>saparaei</i> (Lane), 1950 (<i>Platyura</i>), <i>Orfelia</i> (<i>Neoplatyura</i>) | 19C.7 |
| <i>sesiiformis</i> (Edwards), 1940 (<i>Platyura</i>), <i>Isoneuromyia</i> | 19C.4 |
| <i>shannoni</i> Lane, 1947, <i>Macrocera</i> | 19C.13 |
| <i>shannoni</i> (Lane), 1948 (<i>Platyura</i>), <i>Orfelia</i> (<i>Plautyura</i>) | 19C.7 |
| <i>singularis</i> (Lane), 1948 (<i>Ceroptatus</i>), <i>Euceroptatus</i> | 19C.2 |
| <i>souzai</i> (Lane), 1959 (<i>Platyura</i>), <i>Orfelia</i> (<i>Pseudoplatyura</i>) | 19C.8 |
| <i>spatulata</i> (Edwards), 1940 (<i>Platyura</i>), <i>Orfelia</i> (<i>Apyrtula</i>) | 19C.6 |
| <i>stonei</i> (Lane), 1950 (<i>Platyura</i>), <i>Proceroptatus</i> | 19C.11 |
| <i>subannulata</i> Philippi, 1865 (<i>Platyura</i>) | 19C.13 |

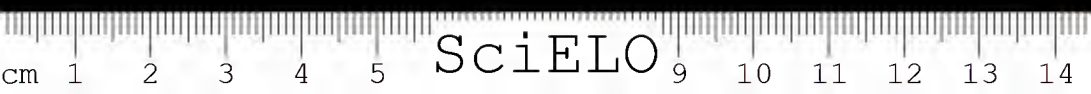


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|---|--------|
| tamoyoi Lane, 1950, <i>Macrocera</i> | 19C.13 |
| tamoyoi (Lane), 1950 (<i>Platyura</i>), <i>Orfelia</i> (<i>Plautyra</i>) | 19C.8 |
| tapuiari (Lane), 1950 (<i>Platyura</i>), <i>Orfelia</i> (<i>Xenoplatyura</i>) | 19C.9 |
| Taulyrpa Edwards, 1929 | 19C.9 |
| terenoi (Lane), 1950 (<i>Platyura</i>), <i>Proceroplatus</i> | 19C.11 |
| testacea Philippi, 1865, <i>Macrocera</i> | 19C.13 |
| tetraleuca (Edwards), 1940 (<i>Ceroplatus</i>), <i>Heteropterna</i> | 19C.3 |
| thomsoni Lynch Arribálzaga, 1882, <i>Macrocera</i> | 19C.13 |
| timbira Lane, 1956, <i>Isonneuromyia</i> | 19C.4 |
| townsendi Lane, 1948, <i>Keroplatus</i> | 19C.4 |
| triangulifera (Freeman), 1951 (<i>Platyura</i>), <i>Orfelia</i> (<i>Pyrtaula</i>) | 19C.8 |
| trileuca (Edwards), 1940 (<i>Ceroplatus</i>), <i>Heteropterna</i> | 19C.3 |
| trinidadensis (Lane), 1960 (<i>Platyura</i>), <i>Proceroplatus</i> | 19C.11 |
| troglophila Matile, 1978, <i>Neoditomyia</i> | 19C.5 |
| tucumana Lane, 1958, <i>Isonneuromyia</i> | 19C.4 |
| uaracui (Lane), 1950 (<i>Ceroplatus</i>), <i>Placoceratias</i> | 19C.10 |
| unica Fisher, 1939, <i>Macrocera</i> | 19C.13 |
| unidens Edwards, 1931, <i>Macrocera</i> | 19C.13 |
| valdiviana Philippi, 1865, <i>Macrocera</i> | 19C.13 |
| variventris (Edwards), 1931 (<i>Platyura</i>), <i>Proceroplatus</i> | 19C.11 |
| venustipennis (Shaw), 1940 (<i>Platyura</i>), <i>Proceroplatus</i> | 19C.11 |
| vespiformis (Enderlein), 1910 (<i>Cerotelion</i>), <i>Orfelia</i> (<i>Taulyrpa</i>) | 19C.9 |
| villasboasi (Lane), 1961 (<i>Platyura</i>), <i>Proceroplatus</i> | 19C.11 |
| vittatus (Fisher), 1941 (<i>Platyura</i>), <i>Proceroplatus</i> | 19C.11 |
| xanthocera (Edwards), 1931 (<i>Platyura</i>), <i>Isonneuromyia</i> | 19C.4 |
| <i>Xenoplatyura</i> Malloch, 1928 | 19C.9 |
| <i>Zelmira</i> Meigen, 1800 | 19C.5 |
| zernyi Edwards, 1934, <i>Platyroptilon</i> | 19C.10 |
| zeteki (Lane), 1950 (<i>Platyura</i>), <i>Orfelia</i> (<i>Lyprauta</i>) | 19C.6 |



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SciELO

MUSEU DE ZOOLOGIA, UNIVERSIDADE DE SÃO PAULO
 (FORMERLY DEPARTAMENTO DE ZOOLOGIA, SECRETARIA DA AGRICULTURA, SÃO PAULO)
 A CATALOGUE OF THE DIPTERA OF THE AMERICAS
 SOUTH OF THE UNITED STATES

19 D

FAMILY LYGISTORRHINIDAE

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Thompson (1975), in his review of the American species, discusses the family status and the geographical distribution of this group. Only one genus (considered as subgenus by Thompson) occurs in the Americas.

Genus PROBOLAEUS Williston

PROBOLAEUS Williston, 1896: 261. Type-species, *singularis* Williston (mon.).

Aphanizophleps Enderlein, 1910: 201. Type-species, *coxata* Enderlein (orig. des.).

Lygistorrhina, authors, not Skuse.

BARRETTOI (Lane), 1947: 346 (*Lygistorrhina*). Type-locality: Brazil, Goiás, Corumbá. Type ♀, MZSP. N. comb.

BRASILIENSIS (Edwards), 1932: 139 (*Lygistorrhina*). Type-locality: Brazil, Rio de Janeiro. Distr. — Brazil (Rio de Janeiro to Santa Catarina). Type, ?BMNH. N. comb.

CERQUEIRAI (Lane), 1958: 209, figs. 1 (wing), 2 (♂ genitalia) (*Lygistorrhina*). Type-locality: Brazil, Amazonas, Manaus, Igarapé do Mariano. Distr. — Brazil (Amazonas). Type ♂, MZSP. N. comb.

COXATUS (Enderlein), 1910: 203, fig. 4 (wing) (*Aphanizophleps*). Type-locality: Brazil, Santa Catarina. Type ♂, Stettin. N. comb.

EDWARDSI (Lane), 1947: 347 (*Lygistorrhina*). Type-locality: Brazil, São Paulo, Ferraz de Vasconcelos. Type ♀, MZSP. N. comb.

SINGULARIS Williston, 1896: 261, pl. 8, fig. 15 (wing), 15a (head), 15b (mouthparts), 15c (genitalia). Type-locality: St. Vincent (W. I.). Ref. — Johannsen, 1909: 93 (descr., distr.). Type ♂, BMNH.

URICHI (Edwards), 1912: 204 (*Lygistorrhina*). Type-locality: Trinidad, Diego Martin. Distr. — Trinidad, Brazil (Amapá). Ref. — Lane, 1959: 106. Type ♂, BMNH. N. comb.

19D.1



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27.VII.1978

MUSEU DE ZOOLOGIA, UNIVERSIDADE DE SÃO PAULO
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A CATALOGUE OF THE DIPTERA OF THE AMERICAS SOUTH
OF THE UNITED STATES

19 E

FAMILY MYCETOPHILIDAE

(FUNGIVORIDAE)

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Adult mycetophilids are mostly caught in moist, wooded places, or in light- and Shannon- or Malaise traps. Larvae feed on decaying wood, mosses, but mostly on several groups of fungi. Very little is known about the biology of the family in the neotropical region.

Over 750 species have been described from the neotropics, especially by Edwards, Freeman, and Lane. Many more are expected to occur, and most species are only known from the type-localities.

Abbreviations for museums are the same employed in fascicle 19C. I am greatly indebted to Dr. Loïc Matile (MHNP) for many corrections and suggestions.

Subfamily MANOTINAE

Ref. — Tuomikoski, 1966b.

Genus MANOTA Williston

MANOTA Williston, 1896: 260. Type-species, *defecta* Williston (mon.).

Aphanizophleps Enderlein, 1910: 201. Type-species, *coxata* Enderlein (orig. des.). This genus was placed in the synonymy of *Manota*. Lane (1947: 345) synonymized it with *Lygistorrhina*. This last wrong placement was followed by me in catalogue 19D, whence the name should be deleted.

COXATA (Enderlein), 1910: 203, fig. 4 (wing) (*Aphanizophleps*). Type-locality: Brazil, Santa Catarina. Type ♂, Stettin. N. comb.

DEFECTA Williston, 1896: 260, pl. 8, fig. 14 (whole insect). Type-locality: St. Vincent, W. I. Syntypes ♂, BMNH.

PALPALIS Lane, 1948b: 247, figs. 1 (palpus), 2 (antenna), 3 (wing), 4 (♂ genitalia). Type-locality: Brazil, Goiás, Corumbá. Type ♂, MZSP.

19E.1



Subfamily MYCETOPHILINAE

Tribe EXECHIINI

Ref. — Tuomikoski, 1966a (gen. rev.).

Genus ALLODIOPSIS Tuomikoski

ALLODIOPSIS Tuomikoski, 1966a: 171. Type-species, *Rhymosia rustica* Edwards (orig. des.).

Subgenus GYMNOGONIA Tuomikoski

Allodiopsis, subg. GYMNOGONIA Tuomikoski, 1966a: 171. Type-species, *Rhymosia sintenisi* Lackschewitz (orig. des.).

CINEREA (Freeman), 1951: 91, fig. 176 (♂ genitalia) (*Rhymosia*). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro), Chile (Ñuble, Llanquihue). Ref. — Tuomikoski, 1966a: 172. Type ♂, BMNH. N. comb.

Genus BORACEOMYIA Lane

BORACEOMYIA Lane, 1948a: 231. Type-species, *edwardsi* Lane (orig. des.) = *goianensis* (Lane).

Exechia, authors, not Winnertz.

ACARIENSIS (Lane), 1951a: 251, fig. 4 (♂ genitalia) (*Exechia*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP. N. comb.

AITKENI (Lane), 1960a: 384, fig. 9 (♂ genitalia) (*Exechia*). Type-locality: Trinidad, Chaguaramas. Type ♂, MZSP. N. comb.

BORGMEIERI (Lane), 1951a: 252, fig. 14 (♂ genitalia) (*Exechia*). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP. N. comb.

BORINQUENSIS (Lane), 1951a: 254, fig. 15 (♂ genitalia) (*Exechia*). Type-locality: Costa Rica, San José. Type ♂, USNM. N. comb.

CAJUENSIS (Lane), 1951a: 252, fig. 5 (♂ genitalia) (*Eyechia*, misspell.). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP. N. comb.

EMBUENSIS (Lane), 1956b: 148, fig. 1 (♂ genitalia) (*Exechia*). Type-locality: Brazil, São Paulo, Embu. Type ♂, MZSP. N. comb.

GOIANENSIS (Lane), 1947a: 356, figs. 5 (♂ genitalia), 13 (wing) (*Exechia*). Type-locality: Brazil, Goiás, Corumbá. Distr. — Trinidad, Peru (Tingo Maria), Brazil (Goiás, São Paulo), Argentina (Salta). Ref. — Lane, 1956b: 147 (syn.). Type ♂, MZSP. N. comb.

- edwardsi* Lane, 1948a: 231. Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♀, MZSP.
- PAULISTENSIS (Lane), 1947a: 357, fig. 10 (wing) (*Exechia*). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Ref. — Lane, 1951a: 250, fig. 3 (♂ genitalia). Type ♀, MZSP. N. comb.

Genus EXECHIOPSIS Tuomikoski

- EXECHIOPSIS Tuomikoski, 1966a: 177. Type-species, *Exechia subulata* Winnertz (orig. des.).

Subgenus XENEXECHIA Tuomikoski

- Exechiopsis*, subg. XENEXECHIA Tuomikoski, 1966a: 179. Type-species, *Exechia perspicua* Johannsen (orig. des.).
- BIFIDA (Freeman), 1951: 90, fig. 172 (♂ genitalia) (*Exechia*). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH. N. comb.
- BREVIFURCATA (Freeman), 1951: 90, figs. 174 (♂ genitalia), 293 (wing) (*Exechia*). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro), Chile (Llanquihue, Valparaíso). Type ♂, BMNH. N. comb.
- EXTENSA (Freeman), 1951: 91, fig. 171 (♂ genitalia) (*Exechia*). Type-locality: Chile, Llanquihue, Casa Pangué. Type ♂, BMNH. N. comb.
- FUNEREA (Freeman), 1951: 91, fig. 175 (♂ genitalia) (*Exechia*). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH. N. comb.
- FURCILLA (Freeman), 1954: 29, fig. 1 (♂ genitalia) (*Exechia*). Type-locality: Juan Fernandez Isl., Masafuera, Quebrada de las Casas. Distr. — Juan Fernandez Isl. (Masafuera, Masatierra). Type ♂, Universidad de Chile, Santiago. N. comb.
- SETIGERA (Freeman), 1951: 89, fig. 170 (♂ genitalia) (*Exechia*). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Type ♂, BMNH. N. comb.
- TRUNCATA (Freeman), 1951: 90, fig. 173 (♂ genitalia) (*Exechia*). Type-locality: Chile, Llanquihue, Casa Pangué. Type ♂, BMNH. N. comb.

Genus BREVICORNU Marshall

- BREVICORNU Marshall, 1896: 306. Type-species, *flavum* Marshall (Tuomikoski, 1966a: 184).
- Allodia*, authors, not Winnertz.
- ARAUCANIENSE (Lane), 1962b: 539, fig. 6 (♂ genitalia) (*Allodia*). Type-locality: Chile, Ñuble, 40 km e. of San Carlos. Distr. — Chile (Ñuble, Bío Bío). Type ♂, CAS. N. comb.

- ARGENTINENSE (Lane), 1958b: 162, fig. 6 (♂ genitalia) (*Allodia*). Type-locality: Argentina, Tumucán, Tafi del Valle. Type ♂, IML N. COMB.
- CALLIDUM (Johannsen), 1912: 319 (*Allodia*). Type-locality: U.S.A., Washington. Distr. — U.S.A. (Washington, Wyoming), Costa Rica. N. COMB.
- COMPLEXUM (Lane), 1948a: 234, fig. 1 (♂ genitalia) (*Allodia*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (São Paulo), Argentina (Santa Cruz, Corrientes, Misiones). Ref. — Lane, 1956b: 150, fig. 2 (♂ genitalia). Type ♂, MZSP. N. COMB.
- ERULIENSE (Lane), 1956b: 151, fig. 3 (♂ genitalia) (*Allodia*). Type-locality: Brazil, Rio de Janeiro, Itatiaia. Type ♂, MZSP. N. COMB.
- HUMILE (Lane), 1948a: 233 (*Allodia*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Ref. — Lane, 1956b: 152, fig. 4 (♂ genitalia). Type ♀, MZSP. N. COMB.
- SIMILE (Freeman), 1951: 92, fig. 177 (♂ genitalia) (*Allodia*). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Santa Cruz, Tierra del Fuego), Chile (Ñuble, Llanquihue). Type ♂, BMNH. N. COMB.

Genus NEALLODIA Edwards

- NEALLODIA Edwards, 1932: 146. Type-species, *flavida* Edwards (mon.) = *brevicornis* (Enderlein).
- BREVICORNIS (Enderlein), 1910a: 204 (*Allodia*). Type-locality: Brazil, Santa Catarina. Distr. — Trinidad, Brazil (Mato Grosso, São Paulo, Santa Catarina), Argentina (Salta), Paraguay. Type ♀, Stettin.
- flavida* Edwards, 1932: 146. Type-locality: Brazil, Rio de Janeiro, Petrópolis.
- brasiliiana* Lane, 1947b: 448, figs. 1 (wing), 2 (♂ genitalia) (*Trichonta*). Type-locality: Brazil, São Paulo, São Paulo (Ipiranga). Type ♀, MZSP.

Genus RYMOSIA Winnertz

- RYMOSIA Winnertz, 1863: 810. Type-species, *Mycetophila discoidea* Meigen (Johannsen, 1909: 102) = *fasciata* (Meigen).
- Rhymosia*, emend.
- AIROSAI Lane, 1947a: 358. Type-locality: Brazil, Amazonas, Maués. Distr. — Panama, Brazil (Amazonas, Pará, Rio de Janeiro). Ref. — Lane, 1958a: 213, fig. 7 (♂ genitalia). Type ♂, MZSP.
- DAMASCENOI Lane, 1958a: 214, fig. 8 (♂ genitalia). Type-locality: Brazil, Pará, Rio Tapajós, Fordlândia. Distr. — Brazil (Amazonas, Pará). Type ♂, MZSP.
- PARAENSIS Lane, 1958a: 215. Type-locality: Brazil, Pará, Rio Tapajós, Fordlândia. Type ♀, MZSP.

PILOSA Edwards, 1931: 259. Type-locality: Peru, Lima, Verrugas. Type ♀, BMNH.

WORONTZOWI Lane, 1947a: 359. Type-locality: Brazil, Amazonas, Maués. Type ♀, MZSP.

UNPLACED EXECHIINI

BORACENSIS Lane, 1962a: 14, fig. 3 (♂ genitalia) (*Allodia*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP. — Near *Brevicornu*, but posterior fork almost below anterior fork.

GRACILE Kertész, 1901a: 403, pl. 20, fig. 1 (wing) (*Dynatosoma*). Type-locality: Peru, Callanga. Type ♀, Budapest.

Tribe MYCETOPHILINI

Genus EPICYPTA Winnertz

EPICYPTA Winnertz, 1863: 909. Type-species, *Mycetophila scatophora* Perris (Johannsen, 1909: 110).

Delopsis Skuse, 1890: 623. Type-species, *flavipennis* Skuse (mon.).

Plastacephala Enderlein, 1910a: 175. Type-species, *planiventris* Enderlein (orig. des.).

Subgenus BOSCMYIA Lane

Epicypta, subg. BOSCMYIA Lane, 1954c: 115. Type-species, *lenguasi* Lane (orig. des.).

ARAPASCOI Lane, 1954c: 117, fig. 1 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.

BARAI Lane, 1954c: 119, fig. 2 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.

BOSCH (Lane), 1948a: 266, figs. 17, 33, 53 (♂ genitalia) (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.

FORATTINII Lane, 1960b: 482, fig. 1 (♂ genitalia). Type-locality: Brazil, Mato Grosso, Bataguáçu, Rio Três Barras. Type ♂, MZSP.

IUMENSIS Lane, 1954c: 120, fig. 3 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Amapá, Santa Catarina). Type ♂, BMNH.

LENGUASI Lane, 1954c: 121, fig. 4 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.

MAUESENSIS Lane, 1954c: 124, fig. 6 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.

MILTONI (Lane), 1948a: 270 (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Ref. — Lane, 1954: 123, fig. 5 (♂ genitalia). Type ♀, MZSP.



- OPAIET Lane, 1954c: 125, fig. 7 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- TRISTIS (Lane), 1948a: 271 (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (Pará, São Paulo). Ref. — Lane, 1954c: 126, fig. 8 (♂ genitalia). Type ♀, MZSP.
- lugubris* Lane, 1948a: 272 (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♀, MZSP.
- WILLIAMS Lane, 1960b: 484, fig. 2 (♂ genitalia). Type-locality: Brazil, São Paulo, São Miguel Arcanjo (Turvo dos Hilários). Type ♂, MZSP.

Subgenus *CALLICYPTA* Lane

- Epicypsa*, subg. *CALLICYPTA* Lane, 1954c: 127. Type-species, *Delopsis lunata* Lane (orig. des.).
- AMAPAENSIS Lane, 1961a: 254, fig. 7 (wing). Type-locality: Brazil, Amapá, Rio Felício. Type ♀, MZSP.
- ANAMBESI Lane, 1960b: 485, fig. 3 (♂ genitalia). Type-locality: Brazil, Mato Grosso, Bataguáçu, Rio Caraguatá. Type ♂, MZSP.
- BACAIRISI Lane, 1954c: 129, fig. 9 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- BICELLII Lane, 1961a: 255, fig. 6 (♂ genitalia). Type-locality: Brazil, Amapá, Serra do Navio. Type ♂, MZSP.
- CHIRIGUANAI Lane, 1954c: 130, fig. 10 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- COHERI Lane, 1954c: 132, fig. 11 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- COUASI Lane, 1954c: 133, fig. 12 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- INORNATA Lane, 1948a: 237, fig. 2 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- IRANCHESI Lane, 1960b: 485, fig. 4 (♂ genitalia). Type-locality: Trinidad, Navy Base. Type ♂, MZSP.
- JOHANNSENI (Lane), 1947a: 354 (*Delopsis*). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.
- taunayi* Lane, 1948a: 249, figs. 9, 47 (♂ genitalia) (*Mycetophila*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- KUICURUSI Lane, 1954c: 135, fig. 13 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Amapá, Santa Catarina). Type ♂, BMNH.
- LUNATA (Lane), 1948a: 267, figs. 21, 55 (♂ genitalia) (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de



- Boracéia, Distr. — Brazil (São Paulo, Santa Catarina). Type ♂, MZSP.
- MACUNAI Lane, 1954c: 136, fig. 14 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- ORNATA (Lane), 1948a: 265, figs. 16, 51 (♂ genitalia) (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- PAULISTENSIS Lane, 1948a: 236, fig. 6 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Costa Rica, Trinidad, Brazil (São Paulo). Type ♂, MZSP.
- PUNCTULATA (Lane), 1947a: 355 (*Delopsis*). Type-locality: Brazil, Mato Grosso, Maracaju. Type ♂, MZSP.
- RABELLOI (Lane), 1948a: 275, figs. 23, 58 (♂ genitalia) (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- SIUSISI Lane, 1954c: 137, fig. 15 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- TACANHAPESI Lane, 1960b: 486, fig. 5 (♂ genitalia). Type-locality: Trinidad, Navy Base. Distr. — Trinidad, Brazil (Amapá). Type ♂, MZSP.
- TRINIDADENSIS Lane, 1960b: 487, fig. 6 (♂ genitalia). Type-locality: Trinidad, Sangre Grande, Mandillán Road. Type ♂, MZSP.

Subgenus *EPICYPTA* Winnertz

- ACZELI Lane, 1958b: 154, fig. 5 (♂ genitalia). Type-locality: Argentina, Salta, Embarcación. Distr. — Trinidad, Brazil (Goiás, São Paulo), Argentina (Corrientes, Salta, Chaco, Tucumán). Type ♂, IML.
- AGUARENSIS Lane, 1951b: 329, fig. 1 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- BAPIANENSIS Lane, 1951b: 332, fig. 4 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- BRASILIANA (Edwards), 1932: 147 (*Delopsis*). Type-locality: Brazil, São Paulo, Rio Claro; Rio de Janeiro, Petrópolis. Distr. — Trinidad, Brazil (Goiás, Rio de Janeiro, São Paulo, Santa Catarina), Argentina (Salta). Refs. — Lane, 1947b: 454, fig. 4 (♂ genitalia); 1951b: 338, fig. 10 (♂ genitalia). Syntypes, BMNH.
- BRASILIENSIS (Enderlein), 1910a: 171 (*Mycetophila*). Type-locality: Brazil, Santa Catarina. Distr. — Panama, Brazil (São Paulo, Santa Catarina). Refs. — Lane, 1947b: 455, fig. 5 (♂ genitalia); 1951b: 340, fig. 12 (♂ genitalia). Type ♂, Stettin.
- CURIPIENSIS Lane, 1961a: 253, fig. 5 (♂ genitalia). Type-locality: Brazil, Amapá, Rio Felício. Type ♂, MZSP.
- DUANASI Lane, 1951b: 337, fig. 9 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Panama, Brazil (Santa Catarina). Type ♂, BMNH.

- GOIANENSIS (Lane), 1947b: 456 (*Delopsis*). Type-locality: Brazil, Goiás, Corumbá. Distr. — Panama, Brazil (Goiás), Argentina (Misiones). Type ♀, MZSP.
- GUANENSIS Lane, 1951b: 38, fig. 11 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Costa Rica, Brazil (Amapá, Santa Catarina), Argentina (Tucumán). Type ♂, BMNH.
- GUARANI Lane, 1951b: 331, fig. 3 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (São Paulo, Santa Catarina). Type ♂, MZSP.
- IAUNENSIS Lane, 1951b: 333, fig. 5 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Panama, Brazil (Santa Catarina). Type ♂, BMNH.
- JARUENSIS Lane, 1951b: 334, fig. 6 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- LUEDERWALDTI (Enderlein), 1910a: 170 (*Mycetophila*). Type-locality: Brazil, Santa Catarina. Ref. — Lane, 1951b: 340. Type ♀, Stettin.
- MACULIPENNIS (Enderlein), 1910a: 178 (*Plastacephala*). Type-locality: Brazil, Santa Catarina. Ref. — Lane, 1948a: 277, figs. 24, 38, 61 (♂ genitalia). Syntypes ♀, Stettin.
- MAUPIENSIS Lane, 1951b: 340. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♀, BMNH.
- NIROHIALTERATA (Enderlein), 1910a: 179 (*Plastacephala*). Type-locality: Brazil, Santa Catarina. Ref. — Lane, 1951b: 329, fig. 2 (♂ genitalia). Syntypes ♀, Stettin.
- OEDIPUS Edwards, 1934: 365. Type-locality: Paraguay, La Cordillera, San Bernardino. Distr. — Panama, Brazil (São Paulo, Santa Catarina), Paraguay. Type ♀, WIEN.
- PERUANA Lane, 1962a: 14, fig. 4 (♂ genitalia). Type-locality: Peru, Tingo Maria, Monson Valley. Type ♂, CAS.
- PLANIVENTRIS (Enderlein), 1910a: 176 (*Plastacephala*). Type-locality: Brazil, Santa Catarina. Distr. — Costa Rica, Brazil (Mato Grosso, Santa Catarina). Ref. — Lane, 1951b: 336, fig. 7 (♂ genitalia). Syntypes ♂ ♀, Stettin.
- var. FLAVIPES (Enderlein), 1910a: 178 (*Plastacephala*). Type-locality: Brazil, Santa Catarina. Syntypes ♀, Stettin.
- SCHILDI Lane, 1956b: 156, fig. 7 (♂ genitalia). Type-locality: Costa Rica, San Mateo, Higuito. Type ♂, USNM.
- TACUENSIS Lane, 1951b: 336, fig. 8 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.

Unplaced EPICYPTA

- ANCYLOFORMANS (Holmgren), 1907: 1-7 (*Mycetophila*). Type-locality: Peru.
- CAPITATA (Enderlein), 1910a: 180 (*Plastacephala*). Type-locality: Brazil, Santa Catarina. Syntypes ♀, Stettin.

- INSIPIENS (Williston), 1896: 264, pl. 8, fig. 19 (wing) (*Mycetophila*). Type-locality: St. Vincent, W. I. Syntypes ♀, BMNH.
- LONGICALCAR (Enderlein), 1910a: 179 (*Platystrophia*). Type-locality: Brazil, Santa Catarina. Syntypes ♂ ♀, Stettin.
- MACULA (Enderlein), 1910a: 172 (*Mycetophila*). Type-locality: Brazil, Santa Catarina. Type ♀, Stettin.
- ORNATIDORSUM (Enderlein), 1910a: 173 (*Mycetophila*). Type-locality: Brazil, Santa Catarina. Syntypes ♂ ♀, Stettin.

Genus MYCETOPHILA Meigen

- Fungivora* Meigen, 1800: 16. Type-species, *Tipula agarici* Villers (as Olivier; Coquillett, 1910: 545). Suppressed ICZN, 1963: 339.
- MYCETOPHILA Meigen, 1803: 263. Type-species, *Tipula agarici* Villers (Johannsen, 1909: 116).

Subgenus ABMYCETA Lane

- Mycetophila*, subg. ABMYCETA Lane, 1955: 400. Type-species, *galibisi* Lane (orig. des.).
- ACARISI Lane, 1958b: 157, fig. 9 (♂ genitalia). Type-locality: Argentina, Tucumán, Tafi del Valle. Type ♂, IML.
- ANHANGAENSIS Lane, 1961a: 251, fig. 3 (♂ genitalia). Type-locality: Brazil, Amapá, Rio Felício. Type ♂, MZSP.
- ARAUASI Lane, 1958c: 400, fig. 3 (♂ genitalia). Type-locality: Trinidad, Navy Base. Type ♂, MZSP.
- ARGENTINA Lane, 1958b: 157, fig. 10 (♂ genitalia). Type-locality: Argentina, Santa Cruz, Lago Argentino. Distr. — Argentina (Santa Cruz, Tierra del Fuego). Type ♂, IML.
- BARRETOI (Lane), 1947b: 453 (*Delopsis*). Type-locality: Brazil, São Paulo, Cajuru. Distr. — Trinidad, Brazil (São Paulo). Ref. — Lane, 1958c: 400, fig. 4 (♂ genitalia). Type ♀, MZSP.
- BORGMEIERI Edwards, 1932: 149. Type-locality: Brazil, Paraná, Rio Negro. Distr. — Brazil (Amapá, São Paulo, Paraná), Argentina (Catarina, Tucumán). Syntypes ♂ ♀, BMNH.
- BRIDGESI Lane, 1963: 13, fig. 3 (♂ genitalia). Type-locality: Argentina, Tierra del Fuego, Lago Fagnano. Type ♂, MZSP.
- CANICULA Freeman, 1951: 127, fig. 258 (♂ genitalia). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina (Rio Negro, Santa Cruz), Chile (Bío Bío). Type ♂, BMNH.
- CARIBAI Lane, 1955: 402, fig. 7 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- CARIPUNAI Lane, 1955: 403, fig. 8 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.



- CARRERAI Lane, 1958c: 401, fig. 5 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- CAYUENSIS Lane, 1955: 404, fig. 9 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- CLAROVITTATA Freeman, 1951: 102, figs. 192 (♂ genitalia), 193 (♀ terminalia), 312 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro), Chile (Bío Bío, Ñuble, Llanquihue). Type ♂, BMNH.
- CLAVIGERA Freeman, 1951: 125, fig. 253 (♂ genitalia). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Santa Cruz, Chubut, Tierra del Fuego), Chile (Osorno, Bío Bío, Ñuble, Llanquihue). Type ♂, BMNH.
- CONIFERA Freeman, 1951: 125, fig. 252 (♂ genitalia), 344 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Ñuble, Llanquihue). Type ♂, BMNH.
- CONSTRICTA Freeman, 1951: 128, fig. 261 (♂ genitalia), 349 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Santa Cruz, Tierra del Fuego), Chile (Ñuble, Llanquihue). Type ♂, BMNH.
- COSTARICENSIS Lane, 1958c: 402, fig. 6 (♂ genitalia). Type-locality: Costa Rica, San Mateo, Higuito. Type ♂, USNM.
- COXIPONESI Lane, 1958c: 402, fig. 7 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- DEMACURI Lane, 1955: 405, fig. 10 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- DICHAETA Freeman, 1951: 126, fig. 257 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Tucumán), Chile (Ñuble, Bío Bío). Type ♂, BMNH.
- DISTINCTA Freeman, 1951: 104, figs. 197 (♂ genitalia), 198-199 (♀ terminalia), 316 (wing). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Argentina (Río Negro), Chile (Ñuble, Llanquihue). Type ♂, BMNH.
- ERAMANENSIS Lane, 1955: 406, fig. 11 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- FLAVOLUNATA Freeman, 1951: 122, figs. 246 (♂ genitalia), 341 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Santa Cruz), Chile (Bío Bío, Llanquihue). Type ♂, BMNH.
- FLEXISETA Freeman, 1951: 105, figs. 203 (♂ genitalia), 318 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Ñuble). Type ♂, BMNH.
- FORATTINI Lane, 1955: 407, fig. 12 (♂ genitalia). Type-locality: Brazil, São Paulo, Presidente Venceslau (Fazenda Guanabara). Distr. — Trinidad, Brazil (Amapá, São Paulo, Santa Catarina). Type ♂, MZSP.

- FUNEREA** Freeman, 1951: 107, fig. 206 (♂ genitalia). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Osorno, Llanquihue). Type ♂, BMNH.
- GALIBISI** Lane, 1955: 408, fig. 13 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (Amapá, São Paulo, Santa Catarina). Type ♂, MZSP.
- GOLBACHI** Lane, 1958b: 159, fig. 12 (♂ genitalia). Type-locality: Argentina, Tucumán, Tafi del Valle. Distr. — Argentina (Tucumán, Tierra del Fuego), Chile (Osorno). Type ♂, IML.
- GRADATA** Freeman, 1951: 130, figs. 353 (wing), 265 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro, Tierra del Fuego). Type ♂, BMNH.
- GUATENSIS** Lane, 1955: 408, fig. 14 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- HUMBOLDTI** (Lane), 1948a: 273, figs. 19, 52 (♂ genitalia) (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- ICOSI** Lane, 1958c: 404, fig. 8 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- JURII** Lane, 1955: 412, fig. 18 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- JURUNENSIS** Lane, 1955: 410, fig. 15 (♂ genitalia). Type-locality: Brazil, São Paulo, São Miguel Arcanjo (Turvo). Distr. — Brazil (São Paulo, Santa Catarina). Type ♂, MZSP.
- KAINGANGI** Lane, 1956b: 158, fig. 8 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- KUNASENSIS** Lane, 1955: 413, fig. 16 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- LACUNA** Freeman, 1951: 123, figs. 248 (♂ genitalia), 342 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro), Chile (Bio Bio, Ñuble, Llanquihue, Magallanes). Type ♂, BMNH.
- LAIANASI** Lane, 1958c: 404, fig. 9 (♂ genitalia). Type-locality: Trinidad, Macqueripe, Tucker Valley. Type ♂, MZSP.
- LATIVITTA** Freeman, 1951: 129, figs. 264 (♂ genitalia), 352 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro, Tierra del Fuego). Type ♂, BMNH.
- NUBLENSIS** Lane, 1962b: 545, fig. 8 (♂ genitalia). Type-locality: Chile, Ñuble, 40 km e. of San Carlos. Type ♂, CAS.
- PARANOTATA** Freeman, 1954: 39 (nom. nov. for *notata* Freeman). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro), Chile (Ñuble, Llanquihue).
- notata* Freeman, 1951: 126, fig. 256 (♂ genitalia) (preoc. Stannius, 1831, now in *Zygomyia*). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Type ♂, BMNH.

- PARAPICALIS Freeman, 1954: 39 (nom. nov. for *apicalis* Freeman). Type-locality: Argentina, Río Negro, Lago Gutiérrez.
- apicalis* Freeman, 1951: 124, fig. 250 (♂ genitalia) (preocc. Meigen, 1838, now in *Rymosia*, as synonym of *fenestralis* Meigen). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Type ♂, BMNH.
- PATAGONESI Lane, 1958c: 406, fig. 10 (♂ genitalia). Type-locality: Argentina, Tucumán, Tafi del Valle. Type ♂, IML.
- PECTINATA Freeman, 1951: 125, figs. 254 (♂ genitalia), 346 (wing). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.
- PELLUCIDA Freeman, 1951: 103, figs. 195-196 (♂ genitalia), 313-314 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Valparaíso to Magallanes). Type ♂, BMNH.
- PENICULATA Freeman, 1951: 107, figs. 207 (♂ genitalia), 321 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro, Tierra del Fuego). Type ♂, BMNH.
- PIRAPESI Lane, 1958c: 406, fig. 11 (♂ genitalia). Type-locality: Argentina, Santa Cruz, Lago Argentino. Distr. — Argentina (Santa Cruz, Tierra del Fuego). Type ♂, MZSP.
- PLAUMANNI Lane, 1958c: 407, fig. 12 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, MZSP.
- PLURIPUNCTATA (Lane), 1948a: 274, figs. 20, 60 (♂ genitalia) (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (São Paulo, Santa Catarina). Type ♂, MZSP.
- PUNENSIS Lane, 1955: 415, fig. 17 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.
- RUFA (Lane), 1948a: 264 (*Delopsis*; preocc. Macquart, 1826). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, MZSP. If a valid species, requires a new name.
- SINUATA Freeman, 1951: 130, figs. 266 (♂ genitalia), 354 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Tierra del Fuego). Type ♂, BMNH.
- SOLITA Freeman, 1951: 124, fig. 251 (♂ genitalia). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Tierra del Fuego). Type ♂, BMNH.
- SPINOSA Freeman, 1951: 129, figs. 262 (♂ genitalia), 350 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro), Chile (Bío Bío, Ñuble, Llanquihue). Type ♂, BMNH.
- SUBBRUNNEA Freeman, 1951: 131, figs. 269 (♂ genitalia), 355 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro), Chile (Osorno). Type ♂, BMNH.
- SUBFUMOSA Freeman, 1954: 32, pl. 2, h (♂ genitalia). Type-locality: Juan Fernandez Isl., Masatierra, Yunque. Type ♂, Universidad de Chile, Santiago.

- SUBRECTA Freeman, 1954: 39 (nom. nov. for *recta* Freeman). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Tucumán, Río Negro), Chile (Chiloé).
- recta* Freeman, 1951: 124, figs. 249 (♂ genitalia), 343 (wing) (preocc. Johannsen, 1912). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.
- SUBVITTATA Freeman, 1954: 40 (nom. nov. for *subvittata* Freeman). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro, Tierra del Fuego).
- trivittata* Freeman, 1951: 131, fig. 268 (♂ genitalia) (preocc. Staeger, 1840, now in *Exechia*). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Type ♂, BMNH.
- TAPINIRAI Lane, 1955: 415 (nom. nov. for *confusa* Lane). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil (Goiás, São Paulo).
- trivittata* Freeman, 1951: 131, fig. 268 (♂ genitalia) (preocc. Staeger, dzicki, 1886). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.
- TAPUIAI Lane, 1958b: 160, fig. 14 (♂ genitalia). Type-locality: Argentina, Tucumán, Lacavera. Type ♂, IML.
- TRAVASSOSI (Lane), 1948a: 268, figs. 18, 54 (♂ genitalia) (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- TRIORDINATA Freeman, 1954: 40 (nom. nov. for *triseriata* Freeman). Type-locality: Argentina, Río Negro, Bariloche.
- triseriata* Freeman, 1951: 128, figs. 260 (♂ genitalia), 348 (wing) (preocc. Bukovski, 1949). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.
- TUCUMANA Lane, 1958b: 160, fig. 16 (♂ genitalia). Type-locality: Argentina, Tucumán, Tafi del Valle. Distr. — Argentina (Tucumán, Tierra del Fuego), Chile (Ñuble). Type ♂, IML.
- TUPANENSIS Lane, 1961a: 252, fig. 4 (♂ genitalia). Type-locality: Brazil, Amapá, Rio Felício. Type ♂, MZSP.
- UACUPISI Lane, 1958c: 408, fig. 13 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- UAICENSIS Lane, 1955: 415, fig. 19 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- UBOYASI Lane, 1955: 416, fig. 20 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Trinidad, Brazil (Santa Catarina). Type ♂, BMNH.
- VERBERIFERA Freeman, 1951: 130, figs. 267 (♂ genitalia), 355 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro), Chile (Osorno). Type ♂, BMNH.
- verbifera* Lane, 1962b: 547, *lapsus*.
- WINNERTZI Lane, 1948b: 253, figs. 12, 44 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.

- XAMASENSIS Lane, 1955: 417, fig. 21 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- YURIMAUESI Lane, 1955: 419, fig. 22 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.

Subgenus MYCETOPHILA Meigen

- ACARENSIS Lane, 1952b: 423, figs. 1-2 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- AMPLIPENNIS Freeman, 1951: 115, figs. 225-226 (♂ genitalia), 330 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH.
- ARMATURA Freeman, 1951: 118, figs. 231-232 (♂ genitalia), 334 (wing). Type-locality: Chile, Chiloé, Puntra. Distr. — Chile (Ñuble, Chiloé). Type ♂, BMNH.
- BANHUMAI Lane, 1952b: 424, figs. 3-4 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- BASALIS Freeman, 1951: 120, figs. 239-240 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Tucumán, Santa Cruz, Río Negro). Type ♂, BMNH.
- BIFIDA Freeman, 1954: 39 (nom. nov. for *fasciata* Freeman). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Llanquihue).
- fasciata* Freeman, 1951: 121, figs. 242-243 (♂ genitalia), 339 (wing) (preocc. Meigen, 1804, now in *Rymosia*). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.
- BISETOSA Freeman, 1951: 108, fig. 208 (♂ genitalia). Type-locality: Chile, Llanquihue, Peulla. Distr. — Argentina (Río Negro), Chile (Llanquihue, Chiloé). Type ♂, BMNH.
- BORACENSIS Lane, 1948a: 257, figs. 15, 49 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- BREVIFURCATA Freeman, 1951: 108, fig. 209 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH.
- BRUNNESCENS Freeman, 1951: 118, figs. 233-234 (♂ genitalia), 335 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Ñuble, Llanquihue, Chiloé). Type ♂, BMNH.
- CATHARINAE Edwards, 1932: 148. Type-locality: Brazil, Santa Catarina, Bom Retiro. Type ♀, BMNH.
- CONJUNCTA Freeman, 1951: 117, figs. 227, 229 (♂ genitalia), 332 (wing). Type-locality: Argentina, Río Negro, Lago Nahuel Huapi. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Ñuble, Llanquihue, Chiloé). Type ♂, BMNH.

- CURIAENSIS Lane, 1952b: 425, figs. 5-6 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- DUANENSIS Lane, 1952b: 426, figs. 7-8 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- FREEMANI Lane, 1948a: 256, fig. 14 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (Rio de Janeiro, São Paulo). Type ♂, MZSP.
- FUSCECENS Freeman, 1951: 119, figs. 227 (♂ genitalia), 337 (wing). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Argentina (Rio Negro, Tierra del Fuego), Chile (Osorno, Llanquihue). Type ♂, BMNH.
- GUANASI Lane, 1958b: 156, fig. 7 (♂ genitalia). Type-locality: Argentina, Tucumán, Tafi del Valle, 2000 m. Type ♂, IML.
- GUARAIASI Lane, 1952b: 427, figs. 9-10 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- IHERINGI Lane, 1948a: 260. Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (São Paulo, Santa Catarina). Ref. — Lane, 1952b: 433. Type ♀, MZSP.
- ILLITA Freeman, 1951: 122, figs. 244 (♂ genitalia), 340 (wing). Type-locality: Argentina, Rio Negro, Bariloche. Type ♂, BMNH.
- JUINENSIS Lane, 1952b: 427, figs. 11-12 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Venezuela (Trujillo), Brazil (Santa Catarina), Argentina (Tucumán). Type ♂, BMNH.
- MATHESONI Lane, 1948a: 252, figs. 8, 43 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- MULTIPLEX Freeman, 1951: 13, figs. 220 (♂ genitalia), 221 (♀ terminalia), 327 (wing). Type-locality: Argentina, Rio Negro, Lago Correntoso. Distr. — Argentina (Tucumán, Rio Negro). Type ♂, BMNH.
- NERVITACTA Freeman, 1951: 116, figs. 227 (♂ genitalia), 331 (wing). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina (Rio Negro, Tierra del Fuego). Type ♂, BMNH.
- PASSEI Lane, 1952b: 430, figs. 13-14 (♂ genitalia). Type-locality: Brazil, Rio de Janeiro, Angra dos Reis (Juçaral). Type ♂, MZSP.
- PICEA Freeman, 1951: 119, figs. 235-236 (♂ genitalia), 336 (wing). Type-locality: Argentina, Rio Negro, Lago Correntoso. Distr. — Argentina (Rio Negro, Tierra del Fuego), Chile (Osorno). Type ♂, BMNH.
- SHAMANENSIS Lane, 1952b: 430, figs. 15-16 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- SHANNONI Lane, 1948a: 254, figs. 7, 29, 45 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- SPINIPES Freeman, 1951: 116, figs. 228 (anterior tibia), 332 (wing). Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina (Rio Negro), Chile (Angol). Type ♂, BMNH.



- SPLENDIDA Lane, 1948a: 247, fig. 34 (wing), 28, 37, 39 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- STONEI Lane, 1952b: 431 (nom. nov. for *edwardsi* Lane). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia.
- edwardsi* Lane, 1948a: 248, figs. 4 (♂ genitalia), 32 (wing) (preocc. Lundström, 1913). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- SUBCAPITATA Freeman, 1954: 39 (nom. nov. for *subfasciata* Freeman). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Llanquihue, Ñuble, Chiloé).
- subfasciata* Freeman, 1951: 120, figs. 226, 241 (♂ genitalia) (preocc. Meigen, 1818, now in *Leia*). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.
- TACUENSIS Lane, 1952b: 432, figs. 17-18 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- THERESAE Edwards, 1932: 148. Type-locality: Brazil, Espírito Santo, Santa Teresa. Distr. — Brazil (Espírito Santo, São Paulo). Ref. — Lane, 1948a: 255, figs. 13, 48 (♂ genitalia). Type ♀, BMNH.
- TOBASI Lane, 1958c: 397, fig. 1 (♂ genitalia). Type-locality: Argentina, Neuquén, Mallo, 1700 m. Type ♂, MZSP.
- TRIANGULIFERA Freeman, 1951: 110, figs. 214 (♂ genitalia), 323 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Tierra del Fuego). Type ♂, BMNH.
- UAIANAI Lane, 1952b: 433, figs. 19-20 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Costa Rica, Brazil (São Paulo). Type ♂, MZSP.
- VAURASI Lane, 1958c: 398, fig. 2 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Trinidad, Panama, Brazil (Bahía, Santa Catarina). Type ♂, BMNH.

Subgenus OROMYCETA Lane

- Mycetophila*, subg. OROMYCETA Lane, 1955: 395. Type-species, *javaesi* Lane (orig. des.).
- ARAUCANA Lane, 1962b: 542, fig. 7 (♂ genitalia). Type-locality: Chile, Ñuble, 50 km e. of San Carlos. Type ♂, CAS.
- ARECUNAI Lane, 1955: 396, fig. 2 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- FERRAZI Lane, 1955: 397, fig. 3 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- JAVAESI Lane, 1955: 397, fig. 4 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Costa Rica, Trinidad, Peru, Brazil (Rio de Janeiro, Santa Catarina), Argentina (Salta). Type ♂, BMNH.

SALTANENSIS Lane, 1955: 398, fig. 5 (♂ genitalia). Type-locality: Argentina, Salta, Urundel. Type ♂, IML.

TUCUNENSIS Lane, 1955: 399, fig. 6 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.

WYGODZINSKYI (Lane), 1947b: 457, figs. 7 (wing), 6 (♂ genitalia) (*Delopsis*). Type-locality: Brazil, Rio de Janeiro, km 47 of the road Rio-São Paulo. Distr. — Costa Rica, Brazil (Rio de Janeiro, Santa Catarina), Argentina (Salta). Type ♂, MZSP.

Unplaced and unrecognized MYCETOPHILA

ANGUSTIFURCA Enderlein, 1940: 672, figs. 43 (wing), 44 (♂ genitalia). Type-locality: Juan Fernandez Isl., Masatierra. Ref. — Freeman, 1954: 32, pl. 2, g (♂ genitalia).

APICATA Philippi, 1865: 622. Type-locality: Chile, Valdivia.

ATRICORNIS Philippi, 1865: 622. Type-locality: Chile, Santiago.

AVICULARIA Freeman, 1951: 109, fig. 210 (♂ genitalia). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.

BIFILA Freeman, 1951: 114, figs. 222 (♂ genitalia), 328 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro), Chile (Llanquihue, Chiloé). Type ♂, BMNH.

BLANCHARDI Enderlein, 1910a: 174 (nom. nov. for *punctipennis* Blanchard). Type-locality: Chile, Carelmapu.

punctipennis Blanchard, 1852: 345 (preocc. Stannius, 1831). Type-locality: Chile, Carelmapu.

CHLOROCHROA Freeman, 1951: 117, figs. 230 (♂ genitalia), 333 (wing). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.

COGNATA Philippi, 1865: 621. Type-locality: Chile, Valdivia.

CORNUTA Freeman, 1951: 112, figs. 217 (♂ genitalia), 326 (wing). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH.

DIGITALIS Freeman, 1951: 123, fig. 247 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Type ♂, BMNH.

DOLOSA Williston, 1896: 264. Type-locality: St. Vincent, W. I. Type ♂, BMNH.

DOMINICA Curran, 1927: 1. Type-locality: Dominica, Laudet, 2100 ft. Type ♀, AMNH.

FASCIPENNIS Philippi, 1865: 621. Type-locality: Chile, Santiago.

FLABELLIFERA Freeman, 1951: 112, figs. 219 (♂ genitalia), 325 (wing). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.

FLAVITHORAX Freeman, 1951: 126, fig. 255 (♂ genitalia). Type-locality: Chile, Llanquihue, Puerto Varas. Type ♂, BMNH.

HETERONEURA Philippi, 1865: 622. Type-locality: Chile, Corral.

- INSECTA Freeman, 1951: 109, fig. 211 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Type ♂, BMNH.
- LORIGERA Freeman, 1951: 105, figs. 202 (♂ genitalia), 317 (wing). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.
- MERDIGERA Knab & Zwaluwenburg, 1918: 140, pl. 8, figs. 1-3 (whole insect, cocoon). Type-locality: Puerto Rico, Aibonito. Type ♂, USNM.
- MESORPIINA Speiser, 1911: 238. Type-locality: Peru.
- NIGRESCENS Freeman, 1951: 110, figs. 213 (♂ genitalia), 322 (wing). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.
- NIGRIVENTRIS Philippi, 1865: 623. Type-locality: Chile, Valdivia.
- NODULOSA Williston, 1896: 264, pl. 8, fig. 20 (wing). Type-locality: St. Vincent, W. I. Syntypes ♂, BMNH.
- OBSCURIPENNIS Blanchard, 1852: 346. Type-locality: Chile, Coquimbo.
- ORDINISETA Freeman, 1951: 106, figs. 204 (♂ genitalia), 310 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH.
- ORNATIPENNIS Blanchard, 1852: 344. Type-locality: Chile, Coquimbo.
- PALLIDA Johnson, 1919: Type-locality: Jamaica.
- PUCARAENSIS Duret, 1973b: 471, figs. 1-5 (wing, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará (Parque Nacional Lanín), 600 m. Type ♂, Coll. Duret.
- RAMOSA Freeman, 1951: 114, fig. 223 (♂ genitalia). Type-locality: Chile, Llanquihue, Peulla. Type ♂, BMNH.
- SEEGIOI Duret, 1973a: 57, figs. 1 (wing), 2 and 5 (♂ genitalia). Type-locality: Argentina, Neuquén, Pucará (Parque Nacional Lanín). Type ♂, Coll. Duret.
- SIMPLEX Freeman, 1951: 121, figs. 245 (♂ genitalia), 336 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro), Chile (Chiloé). Type ♂, BMNH.
- SIMPLICISTILA Freeman, 1951: 127, fig. 259 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Type ♂, BMNH.
- SUBFUSCA Freeman, 1951: 102, figs. 189 (♂ genitalia), 190-191 (♀ terminalia), 311 (wing). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.
- TALARIS Freeman, 1951: 115, figs. 223 (♂ genitalia), 329 (wing). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.
- UNICORNUTA Freeman, 1951: 120, figs. 237 (♂ genitalia), 337 (wing). Type-locality: Chile, Valparaiso, Marga Marga. Distr. — Argentina (Río Negro), Chile (Valparaiso). Type ♂, BMNH.
- UNISERIES Freeman, 1951: 106, figs. 205 (♂ genitalia), 320 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Type ♂, BMNH.
- VELIGERA Freeman, 1951: 111, figs. 212 (♂ genitalia), 216-217 (♀ terminalia), 324 (wing). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.

VIRIDIPES Freeman, 1951: 104, figs. 200 (♂ genitalia), 201 (♀ terminalia), 316 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Type ♂, BMNH.

VITICOLLIS Blanchard, 1852: 345. Type-locality: Chile, Coquimbo.

VITIPENNIS Freeman, 1951: 129, figs. 263 (♂ genitalia), 351 (wing). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.

VOLTANS Lynch Arribálzaga, 1892: 429 (1892: 55). Type-locality: Argentina, Misiones.

Genus PHRONIA Winnertz

PHRONIA Winnertz, 1863: 857. Type-species, *rustica* Winnertz (Johannsen, 1909: 96) = *exigua* (Zetterstedt).

LONGINERVIS Freeman, 1951: 93, figs. 179 (♂ genitalia), 296 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Tucumán, Río Negro, Tierra del Fuego), Chile (Llanquihue). Type ♂, BMNH.

Genus PLATUROCYPTA Enderlein

PLATUROCYPTA Enderlein, 1910b: 76. Type-species, *limbatifemur* Enderlein (orig. des.).

Neoepicypta Coher, 1950a: 114. Type-species, *Mycetophila punctum* Stannius (orig. des.).

NEOTROPICALIS Lane, 1947b: 450, fig. 3 (♀ terminalia). Type-locality: Brazil, São Paulo, Cajuru. Distr. — Trinidad, Brazil (São Paulo, Santa Catarina). Ref. — Lane, 1948a: 238, fig. 10 (♂ genitalia). Type ♀, MZSP.

Genus PLEUROGYMNUS Freeman

PLEUROGYMNUS Freeman, 1951: 92. Type-species, *fuscus* Freeman (orig. des.).

FUSCUS Freeman, 1951: 93, figs. 178 (♂ genitalia), 295 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro), Chile (Bio Bio). Type ♂, BMNH.

Genus SCEPTONIA Winnertz

SCEPTONIA Winnertz, 1863: 907. Type-species, *Mycetophila nigra* Meigen (Johannsen, 1909: 113).

BICOLORATA Lane, 1948a: 239, fig. 28 (wing). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Ref. — Lane, 1956b: 154, fig. 5 (♂ genitalia). Type ♀, MZSP.

- LONGICORNIS Enderlein, 1910a: 183. Type-locality: Brazil, Santa Catarina. Distr. — Brazil (Goiás, Rio de Janeiro, São Paulo, Santa Catarina). Ref. — Lane, 1947b: 452. Syntypes ♀, Stettin.
- ORNATIFEMORA Fisher, 1939: 235, pl. 13, figs. 7-8 (♂ genitalia). Type-locality: Costa Rica, San José. Type ♂, ANSP.
- FAIAGUENSIS Lane, 1956b: 155, fig. 6 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, MZSP.

Genus TRICHONTA Winnertz

- TRICHONTA Winnertz, 1863: 847. Type-species, *Mycetophila melanura* Staeger (Johannsen, 1909: 94).
- FASCIATA Freeman, 1951: 97, figs. 188-189 (♂ genitalia). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Tucumán, Río Negro, Tierra del Fuego). Type ♂, BMNH.
- FUNERA Freeman, 1951: 96, figs. 186-187 (♂ genitalia), 310 (wing). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.
- MAJOR Freeman, 1951: 95, figs. 182-183 (♂ genitalia), 308 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Type ♂, BMNH.
- NUBILIPENNIS Freeman, 1951: 94, figs. 180-181 (♂ genitalia), 309 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Type ♂, BMNH.
- SIMILIS Freeman, 1951: 96, fig. 185 (♂ genitalia). Type-locality: Argentina, Río Negro, Puerto Blest. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH.
- SPINIGERA Freeman, 1951: 95, fig. 184 (♂ genitalia). Type-locality: Argentina, Río Negro, Puerto Blest. Distr. — Argentina (Río Negro), Chile (Llanquihue, Chiloé). Type ♂, BMNH.

Genus ZYGOMYIA Winnertz

- ZYGOMYIA Winnertz, 1863: 901. Type-species, *Mycetophila vara* Staeger (Johannsen, 1909: 112).
- Ref. — Lane, 1951a (key to spp.).
- AGUARENSIS Lane, 1951a: 244, fig. 9 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- ARGENTINA Lane, 1961b: 13, fig. 5 (♂ genitalia). Type-locality: Argentina, Tucumán, Lacavera. Type ♂, MZSP.
- AURANTIACA Edwards, 1934: 365. Type-locality: Costa Rica, Farm La Caja, 8 km w. of San José. Type ♀, Hamburg.
- BICOLOR Edwards, 1934: 366. Type-locality: Bolivia, Mapi, Lorenzopata. Distr. — Bolivia, Brazil (São Paulo). Refs. — Lane, 1948a: 240, fig. 3 (♂ genitalia), 1951a: 249, fig. 2 (♂ genitalia). Type ♀, Dresden.



- BRASILIANA Lane, 1947b: 452. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil (São Paulo, Santa Catarina). Ref. — Lane, 1951a: 241, fig. 6 (♂ genitalia). Type ♀, MZSP.
- CHAVANTESI Lane, 1951a: 239, fig. 1 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, MZSP.
- FREEMANI Lane, 1951a: 248, fig. 12 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- GOLBACHII Lane, 1961b: 14, fig. 6 (♂ genitalia). Type-locality: Argentina, Tucumán, Lacavera. Type ♂, MZSP.
- HEROS Lane, 1951a: 248, fig. 13 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- HERTELI Lane, 1951a: 244, fig. 10 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica da Boracéia. Distr. — Brazil (São Paulo, Santa Catarina). Type ♂, MZSP.
- LAFOONI Lane, 1951a: 246, fig. 11 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- MODESTA Lane, 1948a: 244, figs. 11, 57 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- ORNATIPENNIS Lane, 1948a: 241, figs. 5 (♂ genitalia), 35 (mesosome), 42 (9th tergite). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (São Paulo), Argentina (Misiones). Type ♂, MZSP.
- PLAUMANNI Lane, 1951a: 243, fig. 8 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- TAPUIAI Lane, 1951a: 241, fig. 7 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, MZSP.

Subfamily SCIOPHILINAE

Tribe GNORISTINI

Genus AUSTROSYNAPHA Tonnoir

- AUSTROSYNAPHA Tonnoir, 1929: 607. Type-species, *hirta* Tonnoir (orig. des.). Ref. — Duret, 1973c: 76 (partial key to spp.).
- ARGENTINENSIS Duret, 1973c: 69, figs. 2-3 (♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Type ♂, Coll. Duret.
- BEJARANOI Duret, 1973c: 69, figs. 4-5 (♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Type ♂, Coll. Duret.
- BIDENTATA Duret, 1975a: 311, fig. 1 (♂ genitalia). Type-locality: Argentina, Neuquén, Pucará, Parque Nacional Lanín, Lago Lácar. Type ♂, Coll. Duret.



- DENTATA Freeman, 1951: 72, figs. 139-140 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Neuquén). Type ♂, BMNH.
- FILICAUDA (Edwards), 1934: 364 (*Synapha*). Type-locality: Paraguay, La Cordillera, San Bernardino. Type ♂, WIEN.
- FORCIPATA Freeman, 1951: 71, fig. 137 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Neuquén), Chile (Ñuble, Llanquihue). Type ♂, BMNH.
- FREEMANI Lane, 1960a: 382, fig. 6 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.
- FURCATA Lane, 1954a: 109, fig. 13 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Jaraguá). Type ♂, MZSP.
- IBARRAI Duret, 1973c: 71, figs. 6-7 (♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Type ♂, Coll. Duret.
- LAMELLATA Freeman, 1951: 73, fig. 144 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Neuquén), Chile (Llanquihue). Type ♂, BMNH.
- MARTINEZI Duret, 1973c: 71, figs. 8-9 (♂ genitalia). Type-locality: Argentina, Neuquén, Isla Victoria. Type ♂, Coll. Duret.
- NAUMANNI Duret, 1973c: 73, figs. 11-12 (♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Type ♂, Coll. Duret.
- PAULISTANA Lane, 1956a: 123, fig. 8 (♂ genitalia). Type-locality: Brazil, São Paulo, Embu. Type ♂, MZSP.
- PROSENI Duret, 1973c: 74, fig. 13 (♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Type ♂, Coll. Duret.
- QUADRISETOSA Freeman, 1951: 72, figs. 138 (♂ genitalia), 287 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Neuquén). Type ♂, BMNH.
- REDUCTA Freeman, 1951: 70, fig. 135 (♂ genitalia). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Neuquén, Chubut), Chile (Ñuble, Llanquihue, Chiloé). Type ♂, BMNH.
- ROSSI Lane, 1962b: 534, fig. 3 (♂ genitalia). Type-locality: Chile, Osorno, 20 km e. Puyehué. Type ♂, CAS.
- SCHAJOVSKOYI Duret, 1973c: 74, figs. 14-15 (♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Type ♂, Coll. Duret.
- SPINATA Lane, 1954a: 108, fig. 12 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Type ♂, MZSP.
- ssp. SOUZA Lane, 1960a: 382, fig. 7 (♂ genitalia). Type-locality: Brazil, Minas Gerais, Serra do Cipó. Type ♂, MZSP.
- SPINIFERA Freeman, 1951: 73, figs. 141-142 (♂ genitalia). Type-locality: Chile, Chiloé, Castro. Distr. — Argentina (Río Negro, Neuquén), Chile (Ñuble, Chiloé). Type ♂, BMNH.
- TRUNCATA Freeman, 1951: 73, fig. 143 (♂ genitalia). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Neuquén), Chile (Bío Bío, Ñuble). Type ♂, BMNH.

UNGUICULATA Freeman, 1951: 71, fig. 136 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Neuquén), Chile (Llanquihue, Chiloé). Type ♂, BMNH.

YIVOFFI Duret, 1973c: 76, figs. 16-18 (♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Type ♂, Coll. Duret.

Genus COELOSIA Winnertz

COELOSIA Winnertz, 1863: 796. Type-species, *Boletina flava* Staeger (Johannsen, 1909: 86).

FLAVITHORAX Freeman, 1951: 64, fig. 285 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro). Type ♂, BMNH.

NEOTROPICA Lane, 1959b: 111, fig. 5 (♂ genitalia). Type-locality: Brazil, Amapá, Serra do Navio. Type ♂, MZSP.

SP. Freeman, 1951: 64. Argentina, Río Negro: Bariloche and Puerto Blest. ♀, BMNH.

Genus DZIEDZICKIA Johannsen

Hertwigia Dziedzicki, 1885: 166 (preocc. Schmidt, 1880). Type-species, *marginata* Dziedzicki (mon.).

DZIEDZICKIA Johannsen, 1909: 44 (nom. nov. for *Hertwigia* Dziedzicki). Type-species, *Hertwigia marginata* Dziedzicki (aut.).

Syntemna, authors, not Winnertz.

ABSYRTA Lane, 1954a: 96, fig. 1 (♂ genitalia). Type-locality: Brazil, São Paulo, Salcsópolis, Estação Biológica de Boracéia. Type ♂, MZSP.

ARMATA Freeman, 1951: 65, figs. 127 (♂ genitalia), 283 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Llanquihue). Type ♂, BMNH.

ASPASIA Lane, 1954a: 96, fig. 2 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.

BASALIS Freeman, 1951: 66, fig. 126 (♂ genitalia). Type-locality: Chile, Llanquihue, Casa Pangué. Type ♂, BMNH.

BEATRICEA Lane, 1960a: 380, fig. 4 (♂ genitalia). Type-locality: Trinidad, Navy Base. Type ♂, MZSP.

CAIPORA Lane, 1961a: 248. Type-locality: Brazil, Amapá, Rio Felício. Type ♀, MZSP.

CLIO Lane, 1954a: 97, fig. 3 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.

COHERI Lane, 1954a: 97, fig. 4 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Type ♂, MZSP.

CRYPTURA Edwards, 1941: 308. Type-locality: Brazil, Mato Grosso, Salobra. Distr. — Brazil (Mato Grosso to São Paulo). Type ♂, BMNH.



- DIANA Lane, 1959b: 112, fig. 6 (♂ genitalia). Type-locality: Brazil, Amapá, Serra do Navio. Type ♂, MZSP.
- DUBITANS Lane, 1954a: 98, fig. 5 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- EDWARDSIANA Lane, 1954a: 99. Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♀, MZSP.
- ENDYMION Lane, 1959b: 113, fig. 8 (♂ genitalia). Type-locality: Brazil, Amapá, Serra do Navio. Type ♂, MZSP.
- FIEBRIGI Edwards, 1934: 364. Type-locality: Paraguay, La Cordillera, San Bernardino. Type ♂, WIEN.
- FLAVONIGRA Lane, 1954a: 100. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♀, BMNH.
- FREEMANI Lane, 1954a: 100, fig. 6 (♂ genitalia). Type-locality: Brazil, São Paulo, Juquiá. Type ♂, MZSP.
- FUNEREA Freeman, 1951: 66, fig. 128 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Type ♂, BMNH.
- GALINDOI Lane, 1961b: 10. Type-locality: Panama, Darién, Camp Tacarcuna. Type ♀, MZSP.
- GLORIOSA Lane, 1959b: 114, fig. 8 (♂ genitalia). Type-locality: Brazil, Amapá, Serra do Navio. Type ♂, MZSP.
- HYPSIPILE Lane, 1954a: 101, fig. 7 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (São Paulo), Argentina (Misiones). Type ♂, MZSP.
- IARA Lane, 1961a: 248. Type-locality: Brazil, Amapá, Igarapé do Sucuriçu. Type ♀, MZSP.
- INTERMEDIA Lane, 1954a: 102, fig. 8 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Costa Rica (San Mateo), Brazil (Amapá, São Paulo). Type ♂, MZSP.
- IONICA Lane, 1959b: 115, fig. 9 (♂ genitalia). Type-locality: Brazil, Amapá, Serra do Navio. Type ♂, MZSP.
- JANUS Lane, 1959b: 115, fig. 10 (♂ genitalia). Type-locality: Brazil, Amapá, Serra do Navio. Type ♂, MZSP.
- JURUPARI Lane, 1961a: 249. Type-locality: Brazil, Amapá, Rio Felício. Type ♂, MZSP.
- LIRIOPE Lane, 1954a: 102. Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.
- MEDEA Lane, 1954a: 103, fig. 9 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr. — Brazil (Goiás, São Paulo), Argentina (Misiones). Type ♂, MZSP.
- METALLICA Lane, 1954a: 103, fig. 10 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- NIGRA Fisher, 1939: 229. Type-locality: Costa Rica, San José. Type ♂, ANSP.



- OIAMPENSIS Lane, 1961a: 250, fig. 2 (♂ genitalia). Type-locality: Brazil, Amapá, Rio Amapari. Type ♂, MZSP.
- PUBERICORNIS Edwards, 1933: 308. Type-locality: Bolivia, Mapiri, Lorenzopata. Type ♂, Dresden.
- SACI Lane, 1961b: 11. Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♀, MZSP.
- VARIABILIS Lane, 1954a: 104, fig. 11 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (São Paulo, Santa Catarina). Type ♂, MZSP.

Genus SCHNUSEA Edwards

- SCHNUSEA Edwards, 1933: 307. Type-species, *sessilis* Edwards (orig. des.). Ref. — Lane & Coher, 1950 (key to spp.).
- AGUARASI Lane & Coher, 1950: 279, figs. 1-3 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Type ♂, MZSP.
- BAREI Lane & Coher, 1950: 281, figs. 4-6 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.
- CAIABI Lane & Coher, 1950: 281, figs. 7-9 (♂ genitalia). Type-locality: Brazil, São Paulo, Cajuru. Type ♂, MZSP.
- DESANEI Lane & Coher, 1950: 282, figs. 10-12 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr. — Brazil (Goiás, São Paulo), Argentina (Misiones). Type ♂, MZSP.
- SESSILIS Edwards, 1933: 308. Type-locality: Peru, mouth of Pachitea River, 150 m. Distr. — Peru, Brazil (Amapá, Goiás), Argentina (Salta). Type ?, Dresden.

Genus SYNAPHA Meigen

- SYNAPHA Meigen, 1818: 227. Type-species, *fasciata* Meigen (mon.).
- FLAVIPALPIS Freeman, 1951: 69, figs. 130 (midtibial sense organ), 133 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH.
- FULVA Lane, 1954a: 105. Type-locality: Brazil, Rio de Janeiro, Itatiaia. Distr. — Brazil (Amapá, Rio de Janeiro). Type ♂, MZSP.
- FUMIPENNIS Freeman, 1951: 69, figs. 129 (midtibial sense organ), 134 (♂ genitalia). Type-locality: Chile, Llanquihue, Peulla. Distr. — Argentina (Chubut), Chile (Llanquihue). Type ♂, BMNH.
- FUNEREA Freeman, 1951: 68, figs. 131 (midtibial sense organ), 132 (♂ genitalia). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Argentina (Río Negro, Chubut, Tierra del Fuego), Chile (Llanquihue, Chiloé). Type ♂, BMNH.
- IDALIS Lane, 1954a: 106. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil (Rio de Janeiro, São Paulo). Type ♂, MZSP.



JUNO Lane, 1954a: 106. Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.

MICHELBACHERI Lane, 1962b: 533, fig. 2 (♂ genitalia). Type-locality: Chile, Ñuble, 40 km e. of San Carlos. Type ♂, CAS.

MORENOI Lane, 1963: 7, fig. 2 (♂ genitalia). Type-locality: Argentina, Río Negro, Bariloche (Llao-Llao). Type ♂, MZSP.

NIGRESCENS Lane, 1954a: 107. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil (Rio de Janeiro, São Paulo). Type ♂, MZSP.

RUFESCENS Edwards, 1932: 140. Type-locality: Brazil, Rio de Janeiro, Petrópolis and Rio de Janeiro. Syntypes ♂, BMNH.

Unplaced Gnoristini

LATICORNIS Enderlein, 1910a: 163 (*Syntemna*). Type-locality: Brazil, Santa Catarina. Type ♂, Stettin.

Tribe LEIINI

(Tetragoneurini; incl. Selkirkiini Enderlein, 1940: 670).

Genus APHRASTOMYIA Coher & Lane

APHRASTOMYIA Coher & Lane, 1949: 485. Type-species, *cramptoni* Coher & Lane (orig. des.).

CERQUEIRAI Lane, 1961b: 10. Type-locality: Brazil, Amazonas, Manaus (Igarapé do Francês). Type ♀, MZSP.

CRAMPTONI Coher & Lane, 1949: 486, figs. 1 (head), 2 (antenna), 3 (thoracic sclerites), 4 (wing), 5 (8th abdominal tergite), 6 (8th abdominal sternite), 7-9 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.

SHANNONI Lane, 1956a: 119, fig. 1 (♂ genitalia). Type-locality: Peru, Loreto, Iquitos. Distr. — Peru (Loreto), Brazil (Amapá). Type ♂, USNM.

Genus DOCOSIA Winnertz

DOCOSIA Winnertz, 1863: 802. Type-species, *Mycetophila sciarina* Meigen (Johannsen, 1909: 92).

CUZCOENSIS Edwards, 1933: 321. Type-locality: Peru, Cuzco, 3500-4200 m. Type ♂, Dresden.

PAMMELA Edwards, 1933: 322. Type-locality: Peru, Río Urubamba, 3000 m; Paraguay, Hohenau (Syntypes ♂ ♀, Dresden); Paraguay, La Cordillera, San Bernardino (on *Caesaria silvestris* inflorescences) (Syntypes ♂ ♀, WIEN).

Genus LEIA Meigen

Leia Meigen, 1818: 253. Type-species, *fascipennis* Meigen (Curtis, 1837: pl. 645).



Leja, error or emend.

Lia, emend.

Glaphyroptera Winnertz, 1863: 781 (preocc. Heer, 1852). Type-species, *Leia fascipennis* Meigen (Coquillett, 1910: 547).

Neoglaphyroptera Osten Sacken, 1878: 10 (nom. nov. for *Glaphyroptera* Winnertz). Type-species, *Leia fascipennis* Meigen (aut.).

Ref. — Shaw & Lane, 1950 (key to spp.).

ACZELI Lane, 1959a: 186. Tkpe-species, Argentina, Tucumán, Lacavera. Type ♀, MZSP.

ALBICOXA Enderlein, 1910a: 190. Type-locality: Brazil, Santa Catarina. Type ♂, Stettin.

AMABILIS (Williston), 1900: 219 (*Neoglaphyroptera*). Type-locality: Mexico, Morelos, Cuernavaca, and Veracruz, near Medellín. Syntypes ♂ ♀, BMNH.

AMAPAENSIS Lane, 1959b: 116, fig. 13 (♂ genitalia). Type-locality: Brazil, Amapá, Serra do Navio. Distr. — Brazil (Pará, Amapá). Type ♂, MZSP.

ANDIRAI Lane, 1950: 130. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil (Rio de Janeiro, São Paulo), Argentina (Buenos Aires). Type ♀, MZSP.

APICALIS (Kertész), 1902: 581 (*Neoglaphyroptera*). Type-locality: Peru, Callanga. Type ♂, Budapest.

APINAGEI Lane, 1950: 125, fig. 13 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr. — Brazil (São Paulo), Argentina (Misiones). Type ♂, MZSP.

ARUACI Lane, 1950: 122, figs. 8-11 (♂ genitalia). Type-locality: Brazil, Goiás, Corumbá. Type ♂, MZSP.

AXILLIPUNCTUM Enderlein, 1910a: 198. Type-locality: Brazil, Santa Catarina. Distr. — Brazil (Pará, Amapá, Santa Catarina), Argentina (Misiones). Ref. — Lane, 1959a: 186, fig. 5 (♂ genitalia). Type ♀, Stettin.

BILUNULA Wiedemann, 1828: 65. Type-locality: "Brazil". Distr. — Brazil, Argentina (Tucumán, Buenos Aires).

BIPARTITA (Lynch Arribáizaga), 1892: 409 (1892: 35), pl. 1, fig. 19 (whole insect) (*Glaphyroptera*). Type-locality: Argentina, Buenos Aires: Baradero and Las Conchas. Distr. — Argentina (Buenos Aires).

BIPUNCTATA Fisher, 1939: 231, pl. 13, fig. 5 (♂ genitalia). Type-locality: Costa Rica, San José. Type ♂, ANSP.

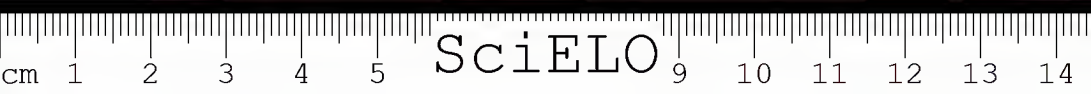
BIVITTATA Say, 1829: 152 (1859: 351). Type-locality: U.S.A., Indiana. Distr. — U.S.A. (Minnesota to Maine, south to Kansas and North Carolina), Costa Rica.

ssp. TROPICALIS Fisher, 1939: 233. Type-locality: Costa Rica. Type ♂, ANSP.

- ssp. PUNCTIFORMIS Fisher, 1939: 234. Type-locality: Costa Rica. Type ♂, ANSP.
- BORGMEIERI Lane, 1959b: 117, fig. 14 (♂ genitalia). Type-locality: Brazil, Amapá, Serra do Navio. Type ♂, MZSP.
- CAYAPOI Lane, 1950: 127. Type-locality: Brazil, Goiás, Corumbá. Type ♀, MZSP.
- CINCTICAUDA Enderlein, 1910a: 192. Type-locality: Brazil, Santa Catarina. Syntypes ♂, Stettin.
- CIRCUMFERA Fisher, 1939: 231. Type-locality: Costa Rica, San José. Type ♂, ANSP.
- COLLARIGERA Enderlein, 1910a: 194. Type-locality: Brazil, Santa Catarina. Type ♂, Stettin.
- COMPLETA (Kertész), 1902: 577 (*Neoglaphyroptera*). Type-locality: Peru, Callanga; Bolivia, Songo. Syntypes ♂, Budapest.
- CONCINNA (Williston), 1896: 259 (*Neoglaphyroptera*). Type-locality: St. Vincent, W. I. Distr. — Mexico to Panama, St. Vincent. Syntypes ♀, BMNH.
- COSTARICENSIS Fisher, 1940: 8 (nom. nov. for *analís* Fisher). Type-locality: Costa Rica, San José.
- analís* Fisher, 1939: 232, pl. 13, fig. 3 (♂ genitalia) (preocc. Meigen, 1818, now in *Boletina*). Type-locality: Costa Rica, San José. Type ♂, ANSP.
- DICHROMA Freeman, 1951: 78. Type-locality: Chile, Llanquihue, Puerto Varas. Distr. — Chile (Llanquihue, Chiloé). Type ♀, BMNH.
- DISGREGA Edwards, 1933: 318. Type-locality: Peru, Río Urubamba, 3000 m. Type ♂, Dresden.
- DIVERSICORNIS (Kertész), 1902: 576 (*Neoglaphyroptera*). Type-locality: Peru, Callanga. Distr. — Peru, Brazil (Mato Grosso). Type ♂, Budapest.
- ?*fuscicornis* Edwards, 1941: 309. Type-locality: Brazil, Mato Grosso, Salobra. Type ♀, BMNH.
- DIVERSIPES Edwards, 1933: 310. Type-locality: Bolivia, Mapiri, Cordilleras, 4000-5000 m. Distr. — Bolivia (La Paz), Argentina (Salta). Ref. — Lane, 1959a: 187. Type ♂, Dresden.
- ELEGANS (Kertész), 1902: 579 (*Neoglaphyroptera*). Type-locality: Peru, Callanga. Distr. — Peru, Brazil (Rio de Janeiro). Type ♂, Budapest.
- FALCULATA Edwards, 1933: 313. Type-locality: Brazil, Paraná, Rio Negro. Distr. — Brazil (São Paulo, Paraná), Argentina (Buenos Aires). Type ♂, BMNH.
- FASCIATA (Kertész), 1902: 574, fig. (wing) (*Neoglaphyroptera*). Type-locality: Peru, Vilcanota and Callanga; Bolivia, Suapi. Distr. — Peru, Bolivia, Brazil (Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Paraguay (La Cordillera), Argentina (Buenos Aires). Syntypes ♂ ♀, Budapest.
- FISHERAE Shaw, 1950: 113, fig. 2 (♂ genitalia). Type-locality: Brazil, Paraná, Rio Negro.

- FLAVOSCUTELLATA (Lynch Arribálzaga), 1892: 410 (1892: 36) (*Glaphyroptera*).
Type-locality: Argentina, Buenos Aires, Las Conchas. Distr. — Brazil (Minas Gerais, São Paulo), Paraguay (La Cordillera), Argentina (Buenos Aires).
- GUAYCURUSI Lane, 1950: 124, fig. 12 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, MZSP.
- HALTERATA (Kertész), 1902: 575 (*Neoglaphyroptera*). Type-locality: Peru, Vilcanota and Callanga. Distr. — Peru, Paraguay (La Cordillera), Brazil (São Paulo, Rio de Janeiro, Goiás), Argentina (Misiones). Syntypes ♂, Budapest.
- ?*tricinctiventris* Enderlein, 1910a: 196. Type-locality: Brazil, Santa Catarina. Type ♀, Stettin.
- INCOMPLETA (Curran), 1928: 13, fig. 2 (wing) (*Boletina*). Type-locality: Puerto Rico, Adjuntas. Distr. — Puerto Rico, Brazil (Mato Grosso, Minas Gerais). Type ♀, AMNH.
- biamputata* Edwards, 1933: 317. Type-locality: Brazil, Minas Gerais, Araguaí. Type ♂, BMNH.
- salobrensis* Edwards, 1941: 310. Type-locality: Brazil, Mato Grosso, Salobra. Type ♀, BMNH.
- INTERRUPTA (Kertész), 1901b: 495 (*Neoglaphyroptera*). Type-locality: Peru, Callanga. Type ♂, Budapest.
- JUNAI Lane, 1950: 128. Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♀, MZSP.
- LEUCOCERA Edwards, 1933: 311. Type-locality: Bolivia, Mapiří, Sarampiuni, 700 m. Distr. — Peru, Bolivia. Type ♂, Dresden.
- MALLEOLUS Freeman, 1954: 28, pl. 2, fig. 3, f (♂ genitalia). Type-locality: Juan Fernandez Isl., Masatiera, Bahía Cumberland, Grutas de los Patriotas. Type ♂, Universidad de Chile, Santiago.
- MONOLEUCA Edwards, 1933: 312. Type-locality: Brazil, São Paulo. Distr. — Brazil (Goiás, Rio de Janeiro, São Paulo, Rio Grande do Sul), Argentina, Misiones. Type ♂, BMNH.
- MUCHTLER Curran, 1928: 14, fig. 3 (wing). Type-locality: Puerto Rico, Adjuntas. Type ♂, AMNH.
- NIGRICAUDA Edwards, 1933: 318. Type-locality: Bolivia, Mapiří, San Carlos, 800 m. Type ♂, Dresden.
- NIGROSPLENIATA (Lynch Arribálzaga), 1892: 411 (1892: 37) (*Glaphyroptera*).
Type-locality: Argentina, Buenos Aires: Baradero and Las Conchas.
- NITENS (Williston), 1896: 259, pl. 8, fig. 13 (wing) (*Neoglaphyroptera*).
Type-locality: St. Vincent, W. I. Syntypes ♂ ♀, BMNH.
- OBLECTABILIS (Loew), 1869: 146 (Cent. 9, n° 31) (*Glaphyroptera*). Type-locality: U.S.A., "Middle States". Distr. — U.S.A. (Wisconsin to Maine, south to Kansas and North Carolina), Costa Rica. Ref. — Fisher, 1939: 231.
- OLIVEIRAI Lane, 1959a: 188, fig. 4 (♂ genitalia). Type-locality: Brazil, Pará, Cachimbo. Distr. — Brazil (Pará, Amapá). Type ♂, MZSP.

- PARANENSIS Edwards, 1933: 313. Type-locality: Brazil, Paraná, Rio Negro. Distr. — Brazil (Goiás, Rio de Janeiro, São Paulo, Paraná), Argentina (Misiones). Ref. — Lane, 1950: 122, figs. 4-7 (♂ genitalia). Type ♂, BMNH.
- PAULENSIS Edwards, 1933: 312. Type-locality: Brazil, São Paulo. Distr. — Brazil (Amapá, Rio de Janeiro, São Paulo, Rio Grande do Sul), Panama. Ref. — Lane, 1950: 121, figs. 1-3 (♂ genitalia). Type ♂, BMNH.
- PEDIFERA Edwards, 1933: 316. Type-locality: Venezuela, Ciudad Bolívar. Type ♂, BMNH.
- PICTICORNIS (Kertész), 1902: 578 (*Neoglyphyoptera*). Type-locality: Peru, Callanga. Distr. — Panama, Brazil (Amapá, Goiás, Minas Gerais, São Paulo). Type ♂, Budapest.
- PLAUMANNI Lane, 1959a: 189. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♀, MZSP.
- ?POECILOPTERA Philippi, 1865: 623. Type-locality: Chile, Valdivia.
- PUNCTATA Bellardi, 1861: 5, pl. 3, fig. 3 (whole insect). Type-locality: Mexico, Tuxpango, near Orizaba. Type ♂, Università di Torino.
- RUFITHORAX Freeman, 1951: 78, fig. 153 (♂ genitalia). Type-locality: Chile, Llanquihue, Casa Pangué. Type ♂, BMNH.
- SCHMIDTI Fisher, 1939: 230, pl. 13, fig. 4 (♂ genitalia). Type-locality: Costa Rica, San José. Type ♂, ANSP.
- SCHNUSEI Edwards, 1933: 314. Type-locality: Bolivia, Mapiri, San Antonio, 1000 m. Distr. — Bolivia (La Paz), Brazil (São Paulo). Type ♂, Dresden.
- SETOSICAUDA Edwards, 1933: 316. Type-locality: Bolivia, Mapiri, San Antonio, 1000 m. Type ♂, Dresden.
- SMITHI Edwards, 1933: 318. Type-locality: Mexico, Tabasco, Frontera. Distr. — Mexico (Tabasco), Costa Rica. Type ♂, BMNH.
- SPINIFERA Edwards, 1933: 316. Type-locality: Bolivia, Mapiri, San Carlos, 800 m. Distr. — Peru, Bolivia. Type ♂, Dresden.
- STONEI Lane, 1958b: 152 (nom. nov. for *incompleta* Edwards). Type-locality: Bolivia, Mapiri, Sarampiuni, 700 m.
incompleta Edwards, 1933: 314 (preocc. Curran, 1928). Type-locality: Bolivia, Mapiri, Sarampiuni, 700 m. Type ♂, Dresden.
- SUBMACULIPENNIS Freeman, 1954: 39 (nom. nov. for *maculipennis* Freeman). Type-locality: Chile, Valparaíso, Marga Marga.
maculipennis Freeman, 1951: 77, figs. 151-152 (♂ genitalia), 304 (wing) (preocc. Say, 1824). Type-locality: Chile, Valparaíso, Marga Marga. Type ♂, BMNH.
- TRUNCATOVENOSA Enderlein, 1910a: 199. Type-locality: Brazil, Santa Catarina. Distr. — Brazil (Santa Catarina), Argentina (Salta). Type ♂, Stettin.



Genus *LEIELLA* Enderlein

- LEIELLA** Enderlein, 1910a: 200. Type-species, *ochreocalcar* Enderlein (orig. des.).
Ref. — Lane, 1954d (key to spp.).
- ARNAUDI** Lane, 1962d: 536, fig. 4 (♂ genitalia). Type-locality: Chile, Osorno, 10 km e. of Puyehué. Distr. — Chile (Osorno), Argentina (Río Negro). Type ♂, CAS.
- BICOLOR** (Fisher), 1939: 234 (*Leia*). Type-locality: Costa Rica, San José. Type ♂, ANSP.
- CATHARINENSIS** Lane, 1954d: 451, fig. 2 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- DISTINCTA** Freeman, 1951: 79, fig. 303 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Tierra del Fuego). Type ♂, BMNH.
- FULVA** Lane, 1954d: 452, fig. 3 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- JARUSI** Lane, 1952d: 138. Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Type ♀, MZSP.
- OCHIREOCALCAR** Enderlein, 1910a: 200, fig. 3 (wing). Type-locality: Brazil, Santa Catarina. Distr. — Brazil (Santa Catarina), Argentina (Chaco, Salta, Tucumán). Type ♀, Stettin.
- SHANONNI** Lane, 1954d: 453, fig. 4 (♂ genitalia). Type-locality: Panama, Sabanas. Type ♂, USNM.
- UNICINCTA** Edwards, 1933: 319. Type-locality: Peru, mouth of Río Pachitea, 150 m. Distr. — Peru (Cuzco), Brazil (Goiás). Refs. — Lane, 1952a: 137, fig. 5 (♂ genitalia); 1954d: 450, fig. 1 (♂ genitalia). Type ♀, Dresden.
- ZONALIS** Edwards, 1931: 259. Type-locality: Guyana, Berbice. Distr. — Guyana, Argentina (Santa Fé, Chaco, Salta, Tucumán). Type ♀, BMNH.

Genus *MEGOPHTHALMIDIA* Dziedzicki

- MEGOPHTHALMIDIA** Dziedzicki, 1889: 404, 525 (as *Megophtalmidia*, pp. 526, 532). Type-species, *zugmeyeriae* Dziedzicki (mon.) = *crassicornis* (Curtis).
- BICOLOR** Edwards, 1934: 363. Type-locality: Paraguay, La Cordillera, San Bernardino. Distr. — Brazil (Santa Catarina), Paraguay. Syntypes ♂ ♀, WIEN.
- DIVERGENS** Edwards, 1932: 141. Type-locality: Brazil, Santa Catarina, Bom Retiro. Distr. — Peru (Junín), Brazil (Santa Catarina), Argentina (Tucumán). Type ♂, BMNH.
- EDWARDSIANA** Lane, 1954b: 106, fig. 1 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.



- EQUATORIANA Lane, 1962a: 11, fig. 2 (♂ genitalia). Type-locality: Ecuador, Pichincha, 105 km s. of Cayamba, 2470 m. Type ♂, CAS.
- FREEMANI Lane, 1954b: 108, fig. 2 (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- NIGRA Freeman, 1951: 82, fig. 291 (wing). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.
- PLAUMANNI Lane, 1954b: 109. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.

Genus PARALEIA Tonnoir

- PARALEIA Tonnoir, 1929: 611. Type-species, *fulvescens* Tonnoir (orig. des.).
- Selkirkius* Enderlein, 1940: 670. Type-species, *nephrodops* Enderlein (orig. des.). Ref. — Freeman, 1954: 26 (syn.).
- ANTARCTICA (Bigot), 1888: 12, pl. 3, fig. 1 (wing) (*Boletina*). Type-locality: "Cap Horn". Distr. — Argentina (Río Negro, Tierra del Fuego). Ref. — Freeman, 1951: 75, fig. 146 (♂ genitalia), 306 (wing). Syntypes ♂ ♀, MNHN.
- CASTANEA Freeman, 1951: 77, fig. 150 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Tierra del Fuego). Type ♂, BMNH.
- CAUDATA Edwards, 1933: 310. Type-locality: Bolivia, Mapiri, Cordilleras, 4000-5000 m. Type ♂, Dresden.
- CINEREA Freeman, 1951: 76, figs. 147 (♂ genitalia), 306 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH.
- FALCIGERA Freeman, 1951: 76, fig. 148 (♂ genitalia). Type-locality: Argentina, Río Negro, Puerto Blest. Type ♂, BMNH.
- FUNEREA Freeman, 1951: 76, fig. 149 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Type ♂, BMNH.
- NEPHRODOPS (Enderlein), 1940: 671, figs. 41-42 (wing, ♂ genitalia) (*Selkirkius*). Type-locality: Juan Fernandez Isl., Masatierra. Ref. — Freeman, 1954: 28, pl. 2, figs. c, d (♂ genitalia).
- NUBILIPENNIS (Walker), 1837: 334 (*Leia*). Type-locality: Straits of Magellan, Port Famine. Distr. — Juan Fernandez Isl., Ecuador, Chile (Osorno, Magallanes), Argentina (Santa Cruz, Chubut, Río Negro, Tierra del Fuego). Ref. — Freeman, 1951: 75, figs. 145 (♂ genitalia), 305 (wing). Type, BMNH.
- PERUVIANA Edwards, 1933: 309. Type-locality: Peru, Mamara. Distr. — Peru, Argentina (Río Negro). Type ♂, Dresden.
- SP. Freeman, 1951: 77. Type-locality: Argentina, Río Negro, Puerto Blest. ♀, BMNH.



Genus PROCYCLONEURA Edwards

- PROCYCLONEURA Edwards, 1932: 140. Type-species, *paranensis* Edwards (mon.).
- FURCATA Freeman, 1951: 80, fig. 154 (♂ genitalia). Type-locality: Argentina, Río Negro, Puerto Blest. Distr. — Argentina (Tucumán, Río Negro). Type ♂, BMNH.
- MOROSA Edwards, 1933: 320. Type-locality: Peru, Mamara. Syntypes ♂ ♀, Dresden.
- PARANENSIS Edwards, 1932: 140. Type-locality: Brazil, Paraná, Rio Negro. Distr. — Brazil (Paraná), Argentina (Misiones). Syntypes ♂ ♀, BMNH.
- SIMILIS Freeman, 1951: 81, fig. 155 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro), Chile (Llanquihue, Osorno). Type ♂, BMNH.

Genus RONDANIELLA Johannsen

- RONDANIELLA Johannsen, 1909: 66. Type-species, *Leia variegata* Winnertz (orig. des.).
- SORORCULA (Loew), 1869: 147 (Cent. 9, n° 32) (*Leia*). Type-locality: U.S.A., New York. Distr. — Canada (British Columbia), U.S.A. (Wisconsin to Maine, south to Iowa and North Carolina), Mexico (Jalisco). Ref. — Lane, 1962a: 11.
- abbreviata* Loew, 1869: 147 (Cent. 9, n° 33) (*Leia*). Type-locality: U.S.A., "Middle States".

Genus TETRAGONEURA Winnertz

- TETRAGONEURA Winnertz, 1846: 18. Type-species, *distincta* Winnertz (Johannsen, 1909: 34, 35) = *sylvatica* (Curtis).
- ANDINA Lane, 1962b: 537, fig. 5 (♂ genitalia). Type-locality: Chile, Ñuble, 40 km e. of San Carlos. Type ♂, CAS.
- ARAUENSIS Lane, 1952c: 402, fig. 1 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (Rio de Janeiro, São Paulo). Type ♂, MZSP.
- ARDEICEPS Freeman, 1951: 85, figs. 161 (♂ genitalia), 289 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Chubut, Tierra del Fuego). Type ♂, BMNH.
- BACILLIGER Edwards, 1932: 144, fig. 5 (♂ genitalia). Type-locality: Brazil, Paraná, Rio Negro. Distr. — Peru, Brazil (Paraná). Type ♂, BMNH.
- ?BECKERI (Enderlein), 1910a: 168 (*Parastemma*). Type-locality: Brazil, Santa Catarina. Type ♀, Stettin.
- BIFIDA Freeman, 1951: 85, fig. 162 (♂ genitalia). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH.

- BORGMEIERI Edwards, 1932: 142, fig. 1 (♂ genitalia). Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro. Distr. — Brazil (Rio de Janeiro, São Paulo), Argentina (Corrientes). Type ♂, BMNH.
- BURENARI Lane, 1952c: 403, fig. 2 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- CAETENSIS Lane, 1952c: 404, fig. 3 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.
- CALOPUS (Bigot), 1888: 14, pl. 3, fig. 3 (whole insect) (*Sciophila*). Type-locality: "Cap Horn".
- var. MINOR Enderlein, 1910a: 155. Type-locality: Brazil, Santa Catarina. Syntypes ♂, Stettin.
- CONCURRENS Edwards, 1933: 321. Type-locality: Bolivia, La Paz. Type ♂, Dresden.
- DENTATA Freeman, 1951: 85, fig. 160 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Type ♂, BMNH.
- DERUNEI Lane, 1952c: 405, fig. 4 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil (São Paulo), Argentina (Tucumán). Type ♂, MZSP.
- ERAMANAI Lane, 1952c: 405, fig. 5 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.
- FANIPENNIS Lane, 1952c: 406, fig. 6 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (Amapá, São Paulo). Type ♂, MZSP.
- FLAVICAUDA Edwards, 1941: 310. Type-locality: Brazil, Mato Grosso, Salobra. Type ♂, BMNH.
- FLAVICINCTA Freeman, 1951: 84, fig. 158 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH.
- GALEA Freeman, 1951: 84, fig. 159 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Neuquén), Chile (Osorno, Llanquihue). Type ♂, BMNH.
- GUAJAENSIS Lane, 1952c: 406, fig. 7 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Type ♂, MZSP.
- HUARPESI Lane, 1952c: 407, fig. 8 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.
- IAUNAI Lane, 1952c: 408, fig. 9 (♂ genitalia). Type-locality: Costa Rica, San José. Distr. — Costa Rica, Peru. Type ♂, USNM.
- NIGRIPALPIS Freeman, 1951: 87, fig. 168 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Type ♂, BMNH.
- NOCTICOLOR Edwards, 1932: 146, fig. 6 (♂ genitalia). Type-locality: Brazil, Rio de Janeiro, Petrópolis. Type ♂, BMNH.
- PECTINATA Freeman, 1951: 88, figs. 169 (♂ genitalia), 290 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH.

- PERUANA Kertész, 1909: 141. Type-locality: Peru, Callanga. Type ♂, Budapest.
- POLLUX Freeman, 1951: 86, fig. 164 (♂ genitalia). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Argentina (Tierra del Fuego), Chile (Llanquihue). Type ♂, BMNH.
- RIVETI (Edwards), 1919: 146, fig. 6 (wing) (*Megophthalmidia*). Type-locality: Ecuador, El Pelado, 4151 m. Syntypes ♂ ♀, MHNH (examined by Dr. L. Matile). N. comb.
- SIMILLIMA Freeman, 1954: 39 (nom. nov. for *similis* Freeman). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro), Chile (Llanquihue).
- similis* Freeman, 1951: 86, fig. 166 (♂ genitalia) (preocc. Garrett, 1925). Type-locality: Argentina, Río Negro, Lago Correntoso. Type ♂, BMNH.
- SIMPLEX Edwards, 1932: 143, fig. 2 (♂ genitalia). Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro. Ref. — Lane, 1952c: 408. Syntypes ♂, BMNH.
- SIMPLICIPES Freeman, 1951: 87, fig. 167 (♂ genitalia). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Osorno, Llanquihue). Type ♂, BMNH.
- SIMPLICISTILA Freeman, 1951: 89, fig. 163 (♂ genitalia). Type-locality: Chile, Llanquihue, Casa Pangue. Type ♂, BMNH.
- SINUATA Freeman, 1951: 83, fig. 157 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Neuquén, Tierra del Fuego), Chile (Osorno, Llanquihue, Chiloé). Type ♂, BMNH.
- SPINATA Edwards, 1932: 144, fig. 3 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo; Rio de Janeiro, Petrópolis. Syntypes ♂, BMNH.
- TIEIALIS Freeman, 1951: 86, fig. 165 (♂ genitalia). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Chubut, Tierra del Fuego), Chile (Bío Bío). Type ♂, BMNH.
- VOGELI Edwards, 1932: 144, fig. 4 (♂ genitalia). Type-locality: Brazil, Rio de Janeiro, Petrópolis. Type ♂, BMNH.

Genus THORACOTROPIS Freeman

- THORACOTROPIS Freeman, 1951: 81. Type-species, *cypriformis* Freeman (orig. des.).
- CYPRIFORMIS Freeman, 1951: 81, figs. 156 (♂ genitalia), 292 (wing). Type-locality: Chile, Chiloé, Ancud. Type ♂, BMNH.

Tribe MYCOMYINI

Ref. — Coher, 1959 (rev.).



Genus ECHINOPODIUM Freeman

ECHINOPODIUM Freeman, 1951: 45. Type-species, *nigricoxa* Freeman (orig. des.).

Ref. — Duret, 1976 (key to spp.).

- ARAUCANUM Duret, 1974: 102, figs. 13-15 (midcoxal process, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Distr. — Argentina (Neuquén), Chile (Chiloé, Llanquihue, Aisén, Malleco, Osorno, Valdivia, Arauco, Cautín). Type ♂, Coll. Duret.
- ARGENTINENSE Duret, 1975b: 77, figs. 1-3 (midcoxal process, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Type ♂, Coll. Duret.
- ARMATUM Duret, 1976: 180, figs. 4-6 (midcoxal process, ♂ genitalia). Type-locality: Chile, Cautín, Los Coigües, Lago Villarica. Type ♂, CNC.
- AYSENSE Duret, 1976: 181, fig. 7 (midcoxal process). Type-locality: Chile, Aisén, Puerto Cisnes (72°40'W, 44°45'S). Distr. — Chile (Aisén, Osorno). Type ♂, CNC.
- BEJARANOI Duret, 1974: 103, figs. 16-20 (midcoxal process, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Distr. — Argentina (Neuquén), Chile (Ñuble). Type ♂, Coll. Duret.
- BIFURCATUM Duret, 1974: 105, figs. 21-24 (midcoxal process, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Distr. — Argentina (Neuquén), Chile (Aisén, Osorno). Type ♂, Coll. Duret.
- CEKALOVICI Duret, 1976: 181, figs. 8-10 (midcoxal process, ♂ genitalia). Type-locality: Chile, Chiloé, Isla Chiloé, Dalcabue. Distr. — Chile (Cautín, Chiloé). Type ♂, CNC.
- CHILENSE Duret, 1976: 183, figs. 11-13 (midcoxal process, ♂ genitalia). Type-locality: Chile, Cautín, Los Coigües, Lago Villarica. Type ♂, CNC.
- CHILOENSE Cochr, 1959: 129, figs. 126-127 (♂ genitalia). Type-locality: Chile, Chiloé, Butalcura. Distr. — Argentina (Río Negro), Chile (Chiloé, Magallanes). Type ♂, USNM.
- COHERI Duret, 1974: 105, figs. 25-27 (midcoxal process, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Distr. — Argentina (Neuquén), Chile (Aisén, Malleco, Llanquihue, Chiloé). Type ♂, Coll. Duret.
- CORONATUM Duret, 1976: 184, figs. 14-16 (midcoxal process, ♂ genitalia). Type-locality: Chile, Cautín, Los Coigües, Lago Villarica. Type ♂, CNC.
- CURVISPINA Freeman, 1951: 47, figs. 94-95 (♂ genitalia). Type-locality: Argentina, Río Negro, Puerto Blest. Distr. — Argentina (Río Negro), Chile (Aisén, Llanquihue, Chiloé). Type ♂, BMNH.
- DIGITALIS Freeman, 1951: 47, figs. 87 (midcoxal process), 91-93 (♂ genitalia). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Argentina (Neuquén, Río Negro), Chile (Llanquihue, Chiloé). Ref. — Duret, 1974: 98, figs. 1-3 (midcoxal process, ♂ genitalia). Type ♂, BMNH.

- ELEGANS** Duret, 1976: 184, figs. 17-19 (midcoxal process, ♂ genitalia). Type-locality: Chile, Chiloé, Isla Chiloé, Dalcahue. Distr. — Chile (Ñuble, Chiloé). Type ♂, CNC.
- FLAGELLATUM** Freeman, 1951: 48, figs. 86 (midcoxal process), 96-98 (♂ genitalia). Type-locality: Argentina, Río Negro, Puerto Blest. Distr. — Argentina (Río Negro, Neuquén), Chile (Aisén, Malleco, Llanquihue, Chiloé). Ref. — Duret, 1974: 98, figs. 4-9 (palpus, midcoxal process, tibial spur, ♂ genitalia). Type ♂, BMNH.
- FREEMANI** Duret, 1974: 106, figs. 28-31 (midcoxal process, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Distr. — Argentina (Neuquén), Chile (Aisén, Malleco, Cautín). Type ♂, Coll. Duret.
- GENTILI** Duret, 1975b: 77, figs. 4-6 (midcoxal process, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Distr. — Argentina (Neuquén), Chile (Chiloé). Type ♂, Coll. Duret.
- INSOLITUM** Duret, 1976: 185, figs. 20-22 (midcoxal process, ♂ genitalia). Type-locality: Chile, Chiloé, Isla Chiloé, Dalcahue. Distr. — Chile (Cautín, Chiloé). Type ♂, CNC.
- LANEI** Duret, 1974: 107, figs. 32-34 (midcoxal process, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Distr. — Argentina (Neuquén), Chile (Aisén). Type ♂, Coll. Duret.
- MINOR** Duret, 1975b: 79, figs. 7-10 (midcoxal process, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Distr. — Argentina (Neuquén), Chile (Aisén). Type ♂, Coll. Duret.
- MUNROEI** Duret, 1976: 185, figs. 23-25 (midcoxal process, ♂ genitalia). Type-locality: Chile, Aisén, Puerto Cisnes (72°40'W, 44°45'S). Type ♂, CNC.
- NEUQUENSE** Duret, 1975b: 81, figs. 11-14 (midcoxal process, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Type ♂, Coll. Duret.
- NIGRESCENS** Duret, 1974: 109, figs. 35-38 (midcoxal process, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Distr. — Argentina (Neuquén), Chile (Chiloé, Magallanes). Type ♂, Coll. Duret.
- NIGRICOMA** Freeman, 1951: 46, figs. 82 (mouthparts), 83 (leg), 84 (midcoxal process), 88-90 (♂ genitalia). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Chubut, Neuquén, Río Negro, Tierra del Fuego), Chile (Malleco, Ñuble, Curicó, Cautín, Aisén, Llanquihue, Chiloé, Magallanes). Ref. — Duret, 1974: 101, fig. 10 (midcoxal process). Type ♂, BMNH.
- PATAGONICUM** Duret, 1976: 187, figs. 26-29 (midcoxal process, ♂ genitalia). Type-locality: Chile, Cautín, Los Coigües, Lago Villarica. Distr. — Chile (Cautín, Chiloé). Type ♂, CNC.
- PENAI** Duret, 1976: 189, figs. 30-32 (midcoxal process, ♂ genitalia). Type-locality: Chile, Chiloé, Isla Chiloé, Dalcahue. Type ♂, CNC.
- FILOSUM** Duret, 1976: 189, fig. 33 (midcoxal process). Type-locality: Chile, Chiloé, Isla Chiloé, Dalcahue. Type ♂, Universidad de Chile, Santiago.
- PUCARAENSE** Duret, 1974: 109, figs. 39-41 (midcoxal process, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Distr. — Argentina



- (Neuquén), Chile (Aisén, Malleco, Osorno, Chiloé). Type ♂, Coll. Duret.
- RIONEGRENSE Coher, 1959: 130, figs. 130-131 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro), Chile (Aisén, Linares, Malleco, Curicó, Ñuble, Llanquihue, Chiloé, Magallanes). Ref. — Duret, 1974: 101, figs. 11-12 (midcoxal process, ♂ genitalia). Type ♂, USNM.
- SERGIOT Duret, 1974: 110, figs. 42-45 (midcoxal process, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Distr. — Argentina (Neuquén), Chile (Aisén, Chiloé). Type ♂, Coll. Duret.
- SPINOSUM Duret, 1974: 111, figs. 46-48 (midcoxal process, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Distr. — Argentina (Neuquén), Chile (Aisén, Chiloé). Type ♂, Coll. Duret.
- STONEI Duret, 1974: 113, figs. 49-52 (midcoxal process, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Distr. — Argentina (Neuquén), Chile (Malleco, Osorno, Ñuble, Llanquihue, Chiloé). Type ♂, Coll. Duret.
- STRIATUM Duret, 1974: 115, figs. 53-57 (midcoxal process, tibial spur, ♂ genitalia). Type-locality: Argentina, Neuquén, Pucará. Type ♂, Coll. Duret.
- STUARDOI Duret, 1976: 190, figs. 34-36 (midcoxal process, ♂ genitalia). Type-locality: Chile, Aisén, Puerto Cisnes (72°40'W, 44°45'S). Type ♂, CNC.
- VILLARICAENSE Duret, 1976: 191, figs. 37-39 (midcoxal process, ♂ genitalia). Type-locality: Chile, Cautín, Los Coigües, Lago Villarrica. Type ♂, CNC.
- VOCKEROTHI Duret, 1976: 192, figs. 40-43 (midcoxal process, ♂ genitalia). Type-locality: Chile, Chiloé, Isla Chiloé, Dalcahue. Distr. — Chile (Aisén, Chiloé). Type ♂, CNC.

Genus MYCOMYA Rondani

- MYCOMYA Rondani, 1856: 194. Type-species, *Sciophila marginata* Meigen (mon.).
- Mycomya*, emend.
- Cnephaeophila* Philippi, 1865: 618. Type-species, *fenestralis* Philippi (mon.).
- Sciophila*, authors, not Meigen.
- ALEXANDERI Coher, 1950b: 565, fig. 2 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- AMERICANA (Schiner), 1868: 14 (*Sciophila*). Type-locality: "South America". Type ?, WIEN.
- ANSATA Freeman, 1951: 38, figs. 33-35 (♂ genitalia). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.



- ARETHUSA Coher, 1952: 216, fig. 1 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.
- AUSTROBLIQUA Coher, 1959: 73, figs. 72-73 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil (São Paulo). Type ♂, MZSP.
- BASINERVA Freeman, 1951: 37, figs. 29-32 (♂ genitalia), 80 (midcoaxal process). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Tierra del Fuego). Type ♂, BMNH.
- BEQUAERTI Coher, 1950b: 577, fig. 13 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- BIFIDA Freeman, 1951: 34, figs. 18 (♂ genitalia), 78 (midcoaxal process). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH.
- BORACENSIS Coher, 1959: 80, figs. 84-85 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (Río de Janeiro, São Paulo). Type ♂, Coll. Coher.
- BORINQUENSIS Coher, 1959: 88, figs. 97-99 (♂ genitalia). Type-locality: Puerto Rico, Maricao. Distr. — Puerto Rico, Brazil (Mato Grosso, Goiás, São Paulo). Type ♂, USNM.
- BREVIFURCATA Enderlein, 1910a: 162. Type-locality: Brazil, Santa Catarina. Syntypes ♀, Stettin.
- BRONTES Coher, 1952: 217, fig. 2 (♂ genitalia). Type-locality: Brazil, São Paulo, Cajuru. Distr. — Brazil (Goiás, São Paulo). Type ♂, MZSP.
- CAMPESTRA Coher, 1959: 89, figs. 100-101 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.
- CARRERA Coher, 1950b: 572, fig. 8 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.
- CHILENSIS (Blanchard), 1852: 347 (*Sciophila*). Type-locality: Chile, Coquimbo. Distr. — Argentina (Río Negro), Chile (Coquimbo, Valparaíso, Ñuble, Bío Bío, Malleco, Osorno, Llanquihue, Chiloé). Ref. — Freeman, 1951: 32, figs. 10, 12 (♂ genitalia), 75 (midcoaxal process).
- CITRINA Shaw, 1940: 806, fig. 4 (♂ genitalia). Type-locality: Costa Rica, Rivas, Valley of the General, 2925 ft. Ref. — Coher, 1959: 76, figs. 76-77 (♂ genitalia).
- CLAVATA (Lynch Arribáizaga), 1892: 417 (1892: 43) (*Sciophila*). Type-locality: Argentina, Buenos Aires, Chacabuco.
- CLETA Coher, 1952: 217, fig. 3 (♂ genitalia). Type-locality: Argentina, Salta, Urundel. Type ♂, MZSP.
- CONNECTA Coher, 1959: 86, figs. 95-96 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, Coll. Coher.
- COXALIS Freeman, 1951: 43, figs. 57-58. Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro, Tierra del Fuego). Type ♂, BMNH.

- CRAMPTONI Coher, 1950b: 569, fig. 5 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- CYLINDRICA Freeman, 1951: 41, figs. 50-52 (♂ genitalia). Type-locality: Chile, Llanquihue, Peulla. Distr. — Argentina (Río Negro), Chile (Ñuble, Osorno, Llanquihue). Type ♂, BMNH.
- DIVISA Freeman, 1951: 45, figs. 68-70 (♂ genitalia). Type-locality: Chile, Llanquihue, Puerto Varas. Distr. — Argentina (Río Negro), Chile (Ñuble, Bío Bío, Osorno, Llanquihue, Chiloé). Type ♂, BMNH.
- DRYOPE Coher, 1952: 219, fig. 4 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Type ♂, MZSP.
- DUMETA Coher, 1959: 85, figs. 92-94 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Type ♂, MZSP.
- EDWARDSII Coher, 1950b: 575, fig. 11 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Type ♂, MZSP.
- EPACRA Coher, 1959: 77, figs. 78-79 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (São Paulo). Type ♂, MZSP.
- EXCERPTA Coher, 1959: 79, figs. 82-83 (♂ genitalia). Type-locality: Brazil, São Paulo. Type ♂, MZSP.
- FALCIFERA Freeman, 1951: 41, figs. 47-49 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Type ♂, BMNH.
- FENESTRALIS (Philippi), 1865: 618 (*Cnephacophila*). Type-locality: Chile, Santiago. Ref. — Freeman, 1951: 3 (in *Mycomya*).
- FERRAZI Coher, 1950b: 579, fig. 15 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- FLAVESCENS Freeman, 1951: 38, figs. 40-41 (♂ genitalia), 75 (midcoxal process). Type-locality: Argentina, Río Negro, Lago Correntoso. Type ♂, BMNH.
- FORCIPATA Freeman, 1951: 42, figs. 53-54 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr. — Argentina (Río Negro), Chile (Ñuble). Type ♂, BMNH.
- FREEMANI Coher, 1950b: 570, fig. 6 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- FUNEBRIS Freeman, 1951: 38, figs. 36-37 (♂ genitalia). Type-locality: Chile, Chiloé, Ancud. Type ♂, BMNH.
- FUSCICORNIS Freeman, 1951: 36, figs. 24-25 (♂ genitalia), 81 (midcoxal process). Type-locality: Chile, Chiloé, Puntra. Distr. — Chile (Llanquihue, Chiloé). Type ♂, BMNH.
- HAMADRYAS Coher, 1952: 220, fig. 5 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Santo Amaro). Distr. — Brazil (Goiás, São Paulo), Argentina (Salta). Type ♂, MZSP.



- HANSONI Coher, 1950b: 566, fig. 3 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- INERMIS Freeman, 1951: 40, figs. 44-46 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Llanquihue, Chiloé). Type ♂, BMNH.
- INFIRMA (Lynch Arribáizaga), 1892: 420 (1892: 46) (*Sciophila*). Type-locality: Argentina, Prov. of Buenos Aires.
- INFUSCATA Freeman, 1951: 39, figs. 42-43 (♂ genitalia). Type-locality: Chile, Angol. Type ♂, BMNH.
- IPHIS Coher, 1952: 220, fig. 6 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.
- IRENE Coher, 1952: 222, fig. 7 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. — Brazil (São Paulo), Argentina (Salta). Type ♂, MZSP.
- JAFFUELENSIS Freeman, 1951: 43, figs. 59-60 (♂ genitalia). Type-locality: Chile, Valparaiso, Marga Marga. Type ♂, BMNH.
- LAMELLATA Freeman, 1951: 35, figs. 19 (♂ genitalia), 76 (midcoxal process). Type-locality: Argentina, Río Negro, Puerto Blest. Distr. — Argentina (Río Negro), Chile (Chiloé). Type ♂, BMNH.
- LANEI Coher, 1950b: 572, fig. 9 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- LONGISTILA Freeman, 1951: 42, figs. 55-56 (♂ genitalia). Type-locality: Chile, Llanquihue, Peulla. Distr. — Argentina (Río Negro), Chile (Llanquihue, Chiloé). Type ♂, BMNH.
- LUTEA Enderlein, 1910a: 161. Type-locality: Brazil, Santa Catarina. Syntypes ♀, Stettin.
- var. DORSIMACULA Enderlein, 1910a: 162. Type-locality: Brazil, Santa Catarina. Type ♂, Stettin.
- MANTERI Coher, 1950b: 564, fig. 1 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- MATHESONI Coher, 1950b: 578, fig. 14 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- MERIDIONALIS Johannsen, 1909: 180 (nom. nov. for *diluta* Williston). Type-locality: St. Vincent. W. I.
- diluta* Williston, 1896: 263, pl. 8, fig. 17 (wing) (*Sciophila*; preocc. Zetterstedt, 1860). Type-locality: St. Vincent, W. I. Syntypes ♂, BMNH.
- MIDAS Coher, 1952: 223, fig. 8 (♂ genitalia). Type-locality: Brazil, São Paulo, Cajuru. Type ♂, MZSP.
- MULTISETA Coher, 1959: 83, figs. 90-91 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (São Paulo). Type ♂, Coll. Coher.



- NICOTHOE Coher, 1952: 224, fig. 9 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Morumbi). Type ♂, MZSP.
- OCHIRACEA Freeman, 1951: 34, figs. 15, 17 (♂ genitalia). Type-locality: Chile, Llanquihue, Peulla. Distr. — Argentina (Río Negro), Chile (Valparaíso, Ñuble, Bío Bío, Llanquihue, Chiloé). Type ♂, BMNH.
- PAUPERCULA Coher, 1959: 99, figs. 104-105 (♂ genitalia). Type-locality: Chile, Valparaíso, Marga Marga. Type ♂, USNM.
- PECTINATA Freeman, 1951: 43, figs. 61-63 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Tierra del Fuego). Type ♂, BMNH.
- PERUVIANA Edwards, 1931: 258. Type-locality: Peru, Lima, Verrugas. Type ♀, BMNH.
- PONTIS Coher, 1959: 75, figs. 74-75 (♂ genitalia). Type-locality: Brazil, São Paulo, Cajuru. Distr. — Brazil (São Paulo). Type ♂, MZSP.
- PORTOBLEST Coher, 1959: 98, figs. 102-103 (♂ genitalia). Type-locality: Argentina, Río Negro, Puerto Blest. Type ♂, USNM.
- SAMESTERI Coher, 1950b: 576, fig. 12 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- SETIFERA Freeman, 1951: 45, figs. 71-74 (♂ genitalia). Type-locality: Chile, Chiloé, Castro. Distr. — Chile (Osorno, Chiloé). Type ♂, BMNH.
- SHANNONI Coher, 1950b: 574, fig. 10 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- SHAWI Coher, 1950b: 568, fig. 4 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- SIMILLIMA Freeman, 1951: 33, fig. 11 (9th abdominal tergite). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Type ♂, BMNH.
- SIMPLA Coher, 1959: 82, figs. 88-89 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- SPINIFERA Freeman, 1951: 36, figs. 22-23 (♂ genitalia), 79 (midcoxal process). Type-locality: Chile, Chiloé, Ancud. Type ♂, BMNH.
- SPINOSA Freeman, 1951: 36, figs. 26-28 (♂ genitalia), 81 (midcoxal process). Type-locality: Chile, Chiloé, Punta. Type ♂, BMNH.
- SUBEPACRA Coher, 1959: 78, figs. 80-81 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- SUBFUSCA Freeman, 1951: 33, figs. 14, 16 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Llanquihue). Type ♂, BMNH.
- TANTALOS Coher, 1959: 71, figs. 70-71 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Type ♂, MZSP.

- TANTILLA (Loew), 1869: 140 (Cent. 9, nº 21) (*Sciophila*). Type-locality: U.S.A., Nebraska. Distr. — S. Canada, south to New Mexico and North Carolina; Costa Rica.
- TAURUS Freeman, 1951: 44, figs. 64-67 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro), Chile (Bío Bío, Llanquihue). Type ♂, BMNH.
- THEOBALDI Coher, 1959: 81, figs. 86-87 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, Coll. Coher.
- TRAVERI Coher, 1950b: 571, fig. 7 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.
- traveriae* Coher, 1959: 70, emend.
- TRICHOPS Freeman, 1951: 35, figs. 20-21 (♂ genitalia), 77 (midcoxal process). Type-locality: Chile, Chiloé, Ancud. Type ♂, BMNH.
- VALDIVIANA (Philippi), 1865: 624 (*Sciophila*). Type-locality: Chile, Corral. Distr. — Argentina (Río Negro), Chile (Llanquihue, Chiloé). Ref. — Freeman, 1951: 39, figs. 38-39 (♂ genitalia), 81 (midcoxal process).

Genus NEOEMPHERIA Osten Sacken

- Empheria* Winnertz, 1863: 783 (preocc. Hagen, 1856). Type-species, *Sciophila striata* Meigen (Coquillett, 1910: 537).
- NEOEMPHERIA Osten Sacken, 1878: 9 (nom. nov. for *Empheria* Winnertz). Type-species, *Sciophila striata* Meigen (aut.).
- Pleonazoneura* Enderlein, 1910a: 156. Type-species, *johannseni* Enderlein (orig. des.).
- Neurocompsa* Enderlein, 1910a: 158. Type-species, *ornatipennis* Enderlein (orig. des.).
- ACIDOTI Coher, 1959: 27, pl. 2 (wing), figs. 16-17 (♂ genitalia). Type-locality: Peru, Loreto, Cerro Azul. Type ♂, Coll. Coher.
- APICALIS Kertész, 1909: 140. Type-locality: Peru, Callanga. Type ♀, Budapest.
- BIDENTATA Coher, 1959: 20, pl. 1 (wing), figs. 2-3 (♂ genitalia). Type-locality: Argentina, Salta, Embarcación. Type ♂, IML.
- BIFIDA Coher, 1959: 31, pl. 2 (wing), figs. 20-21 (♂ genitalia). Type-locality: Argentina, Salta, Aguaray. Type ♂, IML.
- BIFLAGELLATA Edwards, 1940b: 127, fig. 12B (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (São Paulo, Santa Catarina). Type ♂, BMNH.
- BILOBATA Edwards, 1940b: 113, fig. 3B (♂ genitalia), pl. 1, fig. 11 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- BIPECTINATA Edwards, 1940b: 110, fig. 1B (♂ genitalia), pl. 1, fig. 2 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Goiás, Santa Catarina). Type ♂, BMNH.



- BORGMEIERI Edwards, 1940b: 113. Type-locality: Brazil, Santa Catarina, Bom Retiro. Type ?♀, BMNH.
- BRADLEYI Edwards, 1940b: 118, fig. 6E (♂ genitalia) (as *maculipennis* ssp.). Type-locality: Peru, Putumayo, La Sombra. Type ♂, Cornell University.
- BRASILIENSIS Coher, 1959: 56, pl. 4 (wing), figs. 60-61 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Type ♂, MZSP.
- BREVIKAUDA Edwards, 1940b: 112, pl. 1, fig. 8 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♀, BMNH.
- CINCTA Shaw, 1940: 806, fig. 4 (♂ genitalia). Type-locality: Costa Rica, San Ramón, Valley of the General, 2800 ft. Ref. — Coher, 1959: 39, pl. 3 (wing).
- COMES Coher, 1959: 44, pl. 4 (wing), figs. 41-42 (♂ genitalia). Type-locality: Costa Rica, San Mateo, Higuito. Type ♂, MZSP.
- COSTALIMAI Edwards, 1940b: 126, fig. 12A (♂ genitalia), pl. 2, fig. 23 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- COSTARICENSIS Coher, 1959: 49, pl. 4 (wing), figs. 50-51 (♂ genitalia). Type-locality: Costa Rica, San Mateo, Higuito. Type ♂, MZSP.
- DEFLETA Coher, 1959: 53, pl. 4 (wing), figs. 56-57 (♂ genitalia). Type-locality: Brazil, Goiás, Corumbá. Type ♂, MZSP.
- DZIEDZICKII Coher, 1959: 44, pl. 3 (wing), figs. 39-40 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- ECUADORENSIS Coher, 1959: 21, pl. 1 (wing), figs. 4-5 (♂ genitalia). Type-locality: Ecuador, Napo-Pastaza, Abitagua. Type ♂, USNM.
- ENDERLEINI Edwards, 1940b: 122, fig. 9B (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (São Paulo, Santa Catarina), Argentina (Salta). Type ♂, Stettin.
- EVANESCENS (Enderlein), 1910a: 158 (*Pleonazoneura*; as *johannseni* var.). Type-locality: Brazil, Santa Catarina. Ref. — Edwards, 1940b: 121, fig. 7B (♂ genitalia) (as sp.). Type ♂, Stettin.
- FACETA Coher, 1959: 48, pl. 4 (wing), figs. 47-49 (♂ genitalia). Type-locality: Argentina, Salta, Aguaray. Type ♂, IML.
- FALLAX Coher, 1959: 33, pl. 2 (wing), figs. 24-25 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo. Distr. — Brazil (São Paulo), Argentina (Jujuy). Type ♂, Coll. Coher.
- FLAVICORNIS Edwards, 1940b: 123, fig. 10B (♂ genitalia), pl. 2, fig. 21 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- FLAVICOXA Edwards, 1940b: 115, fig. 4E (♂ genitalia), pl. 2, fig. 15 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.



- FORMOSENSIS (Lynch Arribáizaga), 1892: 416 (1892: 42) (*Sciophila*). Type-locality: Argentina, Chaco, near Formosa.
- GLOCHIS Coher, 1959: 22, pl. 1 (wing), figs. 6-7 (♂ genitalia). Type-locality: Panama, Canal Zone, Barro Colorado. Distr. — Costa Rica, Panama. Type ♂, USNM.
- GOIANA Coher, 1959: 38, pl. 3 (wing), figs. 31-32 (♂ genitalia). Type-locality: Brazil, Goiás, Corumbá. Type ♂, MZSP.
- HORRENS Coher, 1959: 25, pl. 1 (wing), fig. 8 (tergite 8), 9 (sternite 8), 10-11 (♂ genitalia). Type-locality: Argentina, Salta, Aguaray. Type ♂, IML.
- JAMAICENSIS Coher, 1961: 129, figs. 1-6. Type-locality: Jamaica.
- JOHANNSEN (Enderlein), 1910a: 156 (*Pleonazoneura*). Type-locality: Brazil, Santa Catarina. Ref. — Edwards, 1940: 126, fig. 11B (♂ genitalia). Lectotype ♂, Stettin.
- JUGALIS Coher, 1959: 47, pl. 4 (wing), figs. 45-46 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Morumbi). Type ♂, Coll. Coher.
- RAESTNERI Edwards, 1940b: 121, fig. 8A (♂ genitalia). Type-locality: Brazil, Santa Catarina. Distr. — Brazil (São Paulo, Santa Catarina), Argentina (Salta, Tucumán). Type ♂, Stettin.
- LANEI Edwards, 1940b: 118, fig. 6B (♂ genitalia), pl. 2, fig. 17 (wing). Type-locality: Brazil, São Paulo, Juquiá. Distr. — Panama (Canal Zone), Brazil (São Paulo). Type ♂, BMNH.
- LARIFUGA Coher, 1959: 35, pl. 2 (wing), figs. 27-28 (♂ genitalia). Type-locality: Argentina, Salta, Aguaray. Distr. — Peru (Loreto), Argentina (Salta). Type ♂, IML.
- LEVIR Coher, 1959: 39, pl. 3 (wing), figs. 33-34 (♂ genitalia). Type-locality: Peru, Loreto, Cerro Azul. Type ♂, Coll. Coher.
- LINDNERI Edwards, 1940b: 125, fig. 11A (♂ genitalia), pl. 1, fig. 6 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- LONGISETA Coher, 1959: 37, pl. 3 (wing), figs. 29-30 (♂ genitalia). Type-locality: Argentina, Salta, Aguaray. Distr. — Brazil (São Paulo), Argentina (Salta). Type ♂, IML.
- LUEDERWALDTI Edwards, 1940b: 121, fig. 9A (♂ genitalia), pl. 2, fig. 20 (wing). Type-locality: Brazil, Santa Catarina. Distr. — Brazil (São Paulo, Santa Catarina). Type ♂, Stettin.
- LUTZI Edwards, 1940b: 128, pl. 1, fig. 4 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (São Paulo, Santa Catarina). Ref. — Coher, 1959: 51, figs. 52-53 (♂ genitalia). Type ♀, BMNH.
- MACULIPENNIS Williston, 1896: 262, pl. 8, fig. 16 (wing). Type-locality: St. Vincent, W. I. Ref. — Edwards, 1940b: 118, fig. 6D (♂ genitalia), pl. 2, fig. 18 (wing). Syntypes ♂, BMNH.

- MUELLERI Edwards, 1940b: 116, fig. 6C (♂ genitalia), pl. 2, fig. 16 (wing).
Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. —
Brazil (São Paulo, Santa Catarina). Type ♂, BMNH.
- NEIVAI Edwards, 1940b: 109, fig. 1A (♂ genitalia), pl. 1, fig. 1 (wing).
Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. —
Panama, Guyana, Brazil (São Paulo, Santa Catarina). Type ♂,
BMNH.
- ORNATIPENNIS (Enderlein), 1910: 158, fig. 1 (wing) (*Neurocompsa*). Type-
locality: Brazil, Santa Catarina. Distr. — Brazil (Bahia, São
Paulo, Santa Catarina), Argentina (Salta). Ref. — Edwards,
1940b: 119, fig. 7A (♂ genitalia), pl. 2, fig. 19 (wing). Type ♂,
Stettin.
- PANAMENSIS Coher, 1959: 19, pl. 1 (wing), fig. 1 (♂ genitalia). Type-
locality: Panama, Canal Zone, Barro Colorado. Type ♂, USNM.
- PAULENSIS Coher, 1959: 55, pl. 4 (wing), figs. 58-59 (♂ genitalia). Type-
locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.
- PEREIRAI Edwards, 1940b: 129, pl. 1, fig. 5 (wing) (1941: 307, again as
n. sp.). Type-locality: Brazil, Mato Grosso, Salobra. Type ♀,
BMNH.
- PHILIPSI Shaw, 1951: 148 (nom. nov. for *neivai* Shaw). Type-locality: Costa
Rica, Valley of the General, Pedregoso, 2300 ft.
neivai Shaw, 1940 [Dec.]: 808, fig. 7 (♂ genitalia) (preocc. Edwards,
1940 [April]). Type-locality: Costa Rica, Valley of the General,
Pedregoso, 2300 ft.
- PILOSA Edwards, 1940b: 124, fig. 10D (♂ genitalia). Type-locality: Brazil,
Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- PLAUMANNI Edwards, 1940b: 114, fig. 4A (♂ genitalia), pl. 2, fig. 13 (wing).
Distr. — Brazil (São Paulo, Santa Catarina). Type ♂, BMNH.
var. ? Edwards, 1940b: 115, pl. 2, fig. 14 (wing). ♀ from Nova
Teutônia.
- PORTORICENSIS Coher, 1959: 41, pl. 3 (wing), figs. 37-38 (♂ genitalia). Type-
locality: Puerto Rico, Mayaguez. Type ♂, USNM.
- PUNCTICOXA Edwards, 1940b: 115, fig. 5 (♂ genitalia). Type-locality: Brazil,
Santa Catarina, Nova Teutônia. Distr. — Brazil (Mato Grosso,
São Paulo, Santa Catarina), Argentina (Salta, Tucumán). Ref. —
Coher, 1959: 24, pl. 1 (wing). Type ♂, BMNH.
- RABELLOI Coher, 1959: 52, pl. 4 (wing), figs. 54-55 (♂ genitalia). Type-
locality: Brazil, São Paulo, Salesópolis, Estação Biológica de
Boracéia. Type ♂, MZSP.
- ROSTRATA Edwards, 1940b: 124, fig. 10C (♂ genitalia). Type-locality: Brazil,
Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- SEPARATA Coher, 1959: 32, pl. 2 (wing), figs. 22-23 (♂ genitalia). Type-
locality: Costa Rica, San Mateo, Higuito. Type ♂, MZSP.
- SHANNONI Edwards, 1940b: 125, fig. 11C (♂ genitalia), pl. 2, fig. 22 (wing).
Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂,
BMNH.

- SIMPLEX** Edwards, 1940b: 112, fig. 3A (♂ genitalia), pl. 1, fig. 10 (♂ wing), pl. 1, fig. 9 (♀ wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (São Paulo, Santa Catarina). Ref. — Coher, 1959: 16. Type ♂, BMNH.
- SMARTI** Edwards, 1940b: 123, fig. 9C (♂ genitalia). Type-locality: Guyana, Mazaruni. Type ♂, BMNH.
- SOCIA** Coher, 1959: 45, pl. 4 (wing), figs. 43-44 (♂ genitalia). Type-locality: Brazil, Goiás, Corumbá. Type ♂, MZSP.
- SPINOSA** Edwards, 1940b: 111, fig. 2 (♂ genitalia), pl. 1, fig. 7 (wing). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- SUBCLAVATA** Edwards, 1940b: 121, fig. 8B (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- SUBFALLAX** Coher, 1959: 34, pl. 2 (wing), fig. 26 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- SUBHORRENS** Coher, 1959: 26, pl. 1 (wing), figs. 12 (tergite 8), 13 (sternite 8), 14 (♂ genitalia). Type-locality: Costa Rica, San Matco, Higuito. Type ♂, MZSP.
- SUBLEVIR** Coher, 1959: 40, pl. 3 (wing), figs. 35-36 (♂ genitalia). Type-locality: Panama, Canal Zone, Summit. Type ♂, USNM.
- TETRAPHAEA** Shaw, 1940: 807, fig. 6 (♂ genitalia). Type-locality: Costa Rica, Valley of the General, Rivas, 2875 ft. Ref. — Coher, 1959: 21, pl. 1 (wing).
- UNISPINOSA** Edwards, 1940b: 123, fig. 10A (♂ genitalia). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- VARIPENNIS** (Lynch Arribáizaga), 1892: 423 (1892: 49) (*Empheria*). Type-locality: Argentina, Misiones, Santa Ana. Refs. — Edwards, 1940b: 116, fig. 6A (♂ genitalia); Coher, 1959: 18, pl. 1 (wing). *variipennis*, lapsus.
- VOGELI** Edwards, 1940b: 127, fig. 12C (♂ genitalia), pl. 1, fig. 3 (wing). Type-locality: Brazil, Rio de Janeiro, Petrópolis. Type ♂, BMNH.
- ZETEKI** Coher, 1959: 28, pl. 2 (wing), figs. 18-19 (♂ genitalia). Type-locality: Panama, Canal Zone, Barro Colorado. Type ♂, USNM.

Tribe SCIOPHILINI

Genus ACNEMIA Winnertz

- ACNEMIA** Winnertz, 1863: 798. Type-species, *Leia nitidicollis* Meigen (Johannsen, 1909: 63).
- Agaricobia* Philippi, 1865: 626. Type-species, *fulvicollis* Philippi (mon.).
- FLAVICOXA** Freeman, 1951: 60, fig. 116 (♂ genitalia). Type-locality: "Chile". Type ♂, BMNH.
- FREEMANI** Lane, 1956a: 121, fig. 4 (♂ genitalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Type ♂, MZSP.

- FULVICOLLIS (Philippi), 1865: 626, pl. 24, fig. 11 (whole insect) (*Agaricobia*). Type-locality: Chile, Santiago, near Santiago. Distr. — Argentina (Neuquén), Chile (Valparaíso, Santiago, Llanquihue). Ref. — Freeman, 1951: 58, fig. 114 (♂ genitalia).
- FUNEREA Freeman, 1951: 59, fig. 115 (♂ genitalia). Type-locality: Argentina, Río Negro, Bariloche. Type ♂, BMNH.
- VITTATA Freeman, 1951: 59, fig. 274 (wing). Type-locality: Chile, Llanquihue, Casa Pangue. Type ♀, BMNH.

Genus ALLOCOTOCERA Mik

- Eurycera* Dziedzicki, 1885: 169 (preocc. Laporte, 1833). Type-species, *flava* Dziedzicki (mon.) = *pulchella* (Curtis).
- ALLOCOTOCERA Mik, 1886: 102 (nom. nov. for *Eurycera* Dziedzicki). Type-species, *Eurycera flava* Dziedzicki (aut.) = *pulchella* (Curtis).
- COXIFONENSIS Lane, 1952a: 134, fig. 2 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.
- FLAVICOXA Freeman, 1951: 51, figs. 102 (♂ genitalia), 275 (wing). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Argentina (Río Negro), Chile (Osorno, Llanquihue, Chiloé). Type ♂, BMNH.
- GLANDULARIS Edwards, 1940a: 453. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Syntypes ♂ ♀, BMNH.
- NIGRICOXA Freeman, 1951: 52, figs. 103-104 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Nahuel Huapi. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Llanquihue). Type ♂, BMNH.

Genus ANEURA Marshall

- ANEURA Marshall, 1896: 256, 287. Type-species, *boletinoides* Marshall (mon.).
- BASALIS Freeman, 1951: 53, fig. 106 (♂ genitalia). Type-locality: Argentina, Río Negro, Puerto Blest. Type ♂, BMNH.
- LONGISTILA Freeman, 1951: 52, figs. 105 (♂ genitalia), 277 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH.

Genus APHELOMERA Skuse

- APHELOMERA Skuse, 1888: 1206. Type-species, *sydneyensis* Skuse (mon.).
- ARMATA Freeman, 1951: 61, fig. 120 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Type ♂, BMNH.
- CRISTATA Freeman, 1951: 60, figs. 117-119 (♂ genitalia), 278 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr. — Argentina (Río Negro, Tierra del Fuego), Chile (Ñuble, Llanquihue). Type ♂, BMNH.

INERMIS Freeman, 1951: 61. Type-locality: Argentina, Río Negro, Lago Correntoso. Type ♀, BMNH.

SUBCOMPLETA Edwards, 1940a: 462. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.

Genus CLUZOBRA Edwards

CLUZOBRA Edwards, 1940a: 463. Type-species, *Acnemia binocellaris* Edwards (orig. des.).

AITKENI Lane, 1956a: 123, fig. 6 (♂ genitalia). Type-locality: Trinidad, Arena Forest. Type ♂, MZSP.

BINOCELLARIS (Edwards), 1934: 362 (*Acnemia*). Type-locality: Paraguay, La Cordillera, San Bernardino. Distr. — Paraguay, Argentina (Chaco). Syntypes ♂ ♀, WIEN, BMNH.

BUTLERI Lane, 1959b: 118, fig. 11 (♂ genitalia). Type-locality: Brazil, Amapá, Serra do Navio. Type ♂, MZSP.

EDWARDSI Lane, 1960a: 381, fig. 5 (♂ genitalia). Type-locality: Trinidad, Navy Base. Distr. — Panama, Trinidad. Type ♂, MZSP.

FASCIPENNIS Edwards, 1940a: 464. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Goiás, Santa Catarina), Argentina (Misiones). Ref. — Lane, 1948b: 254, figs. 14-15 (♂ genitalia). Type ♀, BMNH.

FUSCIPENNIS Edwards, 1940a: 464. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.

LANEI Edwards, 1941: 308. Type-locality: Brazil, Mato Grosso, Salobra. Type ♂, BMNH.

PLAUMANNI Edwards, 1940a: 463. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (São Paulo, Santa Catarina). Syntypes ♂ ♀, BMNH.

Genus EUDICRANA Loew

EUDICRANA Loew, 1869: 142 (Cent. 9, n° 23). Type-species, *obumbrata* Loew (mon.).

BASINERVA Freeman, 1951: 49, figs. 99 (♂ genitalia), 302 (wing). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH.

CLARIPENNIS Edwards, 1931: 258. Type-locality: Peru, Lima, Verrugas. Type ♀, BMNH.

ELEGANS Lane, 1948a: 251, figs. 8-10 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.

PALLIDA Freeman, 1951: 51, fig. 101 (♂ genitalia). Type-locality: "Chile". Type ♂, BMNH.



- SIMILIS** Freeman, 1951: 50, fig. 100 (♂ genitalia). Type-locality: Chile, Valparaíso, Marga Marga. Type ♂, BMNH.
- SPLENDENS** Lane, 1948a: 253, figs. 11-13 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr. — Brazil (Rio de Janeiro, São Paulo). Type ♂, MZSP.
- VITTATA** Edwards, 1931: 257. Type-locality: Peru, Junín, Colonia Perené. Distr. — Trinidad, Peru. Ref. — Lane, 1960a: 383, fig. 8 (♂ genitalia). Type ♀, BMNH.

Genus LEPTOMORPHUS Curtis

- LEPTOMORPHUS** Curtis, 1831: pl. 365. Type-species, *walkeri* Curtis (orig. des.).
- Diomonus** Walker, 1848: 87. Type-species, *nebulescens* Walker (mon.).
- FASCICULATUS** Edwards, 1933: 305. Type-locality: Bolivia, Mapiří, Sarampiuní, 700 m. Distr. — Peru, Bolivia, Brazil (Mato Grosso, São Paulo). Type ♂, Dresden.
- FEMORATUS** Edwards, 1933: 306. Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr. — Peru, Brazil (Rio de Janeiro). Type ♂, BMNH.
- NEIVAI** Edwards, 1940a: 452. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Santa Catarina), Argentina (Misiones). Syntypes ♂ ♀, BMNH.

Genus MEGALOPELMA Enderlein

- MEGALOPELMA** Enderlein, 1910a: 165. Type-species, *planiceps* Enderlein (orig. des.).
- CELLULARIS** Edwards, 1940a: 458. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Syntypes ♀, BMNH.
- FRAUDULENTA** (Williston), 1896: 263, pl. 8, fig. 18 (wing) (*Phthiria*). Type-locality: St. Vincent, W. I. Syntypes ♂, BMNH.
- PLANICEPS** Enderlein, 1910a: 166, fig. 2 (wing). Type-locality: Brazil, Santa Catarina. Type ♀, Stettin.
- PLATYURA** Edwards, 1940a: 459. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Santa Catarina), Argentina (Tucumán). Syntypes ♂ ♀, BMNH.

Genus MONOCLONA Mik

- Staegeria** Wulp, 1876: xlix (preocc. Rondani, 1856). Type-species, *Sciophila halterata* Staeger (mon.) = *rufilatera* (Walker).
- MONOCLONA** Mik, 1886: 279 (nom. nov. for *Staegeria* Wulp). Type-species, *Sciophila halterata* Staeger (aut.) = *rufilatera* (Walker).
- ABNORMALIS** Fisher, 1939: 229. Type-locality: Costa Rica, San José. Type ♂, ANSP.



BICOLOR (Enderlein), 1910a: 180 (*Acnemia*). Type-locality: Brazil, Santa Catarina. Type ♂, Stettin.

vittidorsum Enderlein, 1910a: 182 (*Acnemia*). Type-locality: Brazil, Santa Catarina. Type ♂, Stettin.

DIGITATA Edwards, 1940a: 460. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Trinidad, Peru, Brazil (Santa Catarina), Paraguay (La Cordillera). Syntypes ♂ ♀, BMNH.

MACULATA Edwards, 1933: 306. Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr. — Brazil (Rio de Janeiro), Paraguay (La Cordillera). Type ♂, BMNH.

NIGRIVENTRIS Edwards, 1941: 461. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.

TAPICAREI Lane, 1952a: 136, fig. 4 (♂ genitalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Type ♂, MZSP.

TRIFASCIATA Edwards, 1940a: 461. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.

Genus NEURATELIA Rondani

NEURATELIA Rondani, 1856: 195. Type-species, *Mycetophila nemoralis* Meigen (orig. des.).

SAPAICI Lane, 1952a: 135, fig. 3 (♂ genitalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Type ♂, MZSP.

Genus NOVAKIA Strobl

NOVAKIA Strobl, 1893: 162. Type-species, *scatopsiformis* Strobl (mon.).

DISTINCTA Fisher, 1939: 234. Type-locality: Costa Rica, San José. Type ♂, ANSP.

Genus PARATRIZYGIA Tonnoir

PARATRIZYGIA Tonnoir, 1929: 605. Type-species, *conformis* Tonnoir (orig. des.).

INFUSCATA Freeman, 1951: 63, figs. 124-125 (♂ genitalia). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH.

SETIFERA Freeman, 1951: 62, figs. 121-122 (♂ genitalia), 279 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr. — Argentina (Río Negro), Chile (Llanquihue, Chiloé). Type ♂, BMNH.

SPINULOSA Freeman, 1951: 62, fig. 123 (♂ genitalia). Type-locality: Chile, Llanquihue, Casa Pangué. Type ♂, BMNH.

Genus PARVICELLULA Marshall

- PARVICELLULA Marshall, 1896: 256, 284. Type-species, *triangula* Marshall (mon.).
- FLABELLIFERA Freeman, 1951: 55, fig. 110 (♂ genitalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Type ♂, BMNH.
- PRODUCTA Freeman, 1951: 55, fig. 111 (♂ genitalia). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Argentina (Río Negro), Chile (Llanquihue). Type ♂, BMNH.
- QUADRIPECTINATA Edwards, 1940a: 461. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- SHANNONI Lane, 1956a: 120, fig. 3 (♂ genitalia). Type-locality: Panama, Canal Zone, Barro Colorado I. Type ♂, USNM.

Genus PHTHINIA Winnertz

- PHTHINIA Winnertz, 1863: 779. Type-species, *humilis* Winnertz (Johannsen, 1909: 83).
- FASCIATA Freeman, 1951: 54, fig. 109 (♂ genitalia). Type-locality: Chile, Llanquihue, Peulla. Type ♂, BMNH.
- FLAGELLATA Freeman, 1951: 53, figs. 107 (♂ genitalia), 276 (wing). Type-locality: Argentina, Río Negro, Lago Nahuel Huapi, eastern end. Type ♂, BMNH.
- FURCATA Freeman, 1951: 54, fig. 108 (♂ genitalia). Type-locality: Chile, Chiloé, Ancud. Type ♂, BMNH.

Genus SCIOPHILA Meigen

- SCIOPHILA Meigen, 1818: 245. Type-species, *hirta* Meigen (Curtis, 1837: pl. 641).
- Lasiosoma* Winnertz, 1863: 748. Type-species, *Sciophila pilosa* Meigen (Coquillett, 1910: 558) = *hirta* Meigen.

Most of the species placed here are unrecognized, and may belong to many different genera.

- ABERRANS Philippi, 1865: 625. Type-locality: Chile, Santiago, Santiago, Mt. S. Cristóval.
- ANTARCTICA Walker, 1837: 334. Type-locality: Straits of Magellan, Port Famine. Ref. — Freeman, 1951: 56, figs. 112 (♂ genitalia), 284 (wing). Type ♂, BMNH.
- AUSTRALIS Philippi, 1865: 625. Type-locality: Chile, Valdivia Prov.
- CILIATA Edwards, 1940a: 456. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Syntypes ♂ ♀, BMNH.
- CINCTICORNIS Edwards, 1940a: 458. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Santa Catarina), Argentina (Misiones). Syntypes ♂ ♀, BMNH.

- CINCTIFEMUR Shaw, 1940: 808, fig. 9 (♂ genitalia). Type-locality: Costa Rica, Valley of the General, Pedregoso, 2075 ft.
- FIDELIS Edwards, 1940a: 457. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- FRACTINERVIS Edwards, 1940a: 457. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Syntypes ♂ ♀, BMNH.
- OBSOLETA Blanchard, 1852: 347. Type-locality: Chile, Valparaiso.
- OCREATA Philippi, 1865: 625. Type-locality: Chile, Santiago, Santiago.
- PARANENSIS (Lynch Arribáizaga), 1892: 413 (1892: 39) (*Lasiosoma*). Type-locality: Argentina, Entre Rios: Paraná; Buenos Aires: Baradcro, Las Conchas and Navarro.
- POPOCATEPETLI Beiliardi, 1859: 11. Type-locality: Mexico, Volcan Popocatepeti, 3800 m. Type ♀, Università di Torino.
- PRAECOX Philippi, 1865: 624. Type-locality: Chile, Santiago, Santiago.
- PUSILLA Philippi, 1865: 625. Type-locality: Chile, Valdivia Prov.
- THORACICA Philippi, 1865: 624. Type-locality: Chile, Corral.
- TRISTIS Bigot, 1888: 13, pl. 9, fig. 2 (whole insect). Type-locality: Cape Horn.
- VERNALIS Philippi, 1865: 624. Type-locality: Chile, Santiago, Santiago.

Genus STENOPHRAGMA Skuse

- Homaspis* Skuse, 1888: 1131, 1191 (preocc. Foerster, 1868). Type-species, *meridiana* Skuse (mon.).
- STENOPHRAGMA Skuse, 1890: 612 (nom. nov. for *Homaspis* Skuse). Type-species, *Homaspis meridiana* Skuse (aut.).
- FUSCA Edwards, 1934: 362. Type-locality: Peru, Cuzco, 4000-4200 m. Type ? ♂, Dresden.
- HUMERALIS Edwards, 1934: 360. Type-locality: Paraguay, La Cordillera, San Bernardino. Type ♂, WIEN.
- INTERMEDIA Edwards, 1940a: 455. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Peru (Lima), Brazil (Santa Catarina). Type ♂, BMNH.
- LONGIFURCATA Freeman, 1951: 57, fig. 282 (wing). Type-locality: Argentina, Río Negro, Puerto Blest. Type ♀, BMNH.
- MORIGENEA Edwards, 1940a: 455. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Type ♂, BMNH.
- NIGRICAUDA Edwards, 1940a: 454. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Syntypes ♂ ♀, BMNH.
- OCHRACEA Freeman, 1951: 58, fig. 281 (wing). Type-locality: Argentina, Río Negro, Bariloche. Type ♀, BMNH.
- PLEURALIS Edwards, 1934: 361. Type-locality: Bolivia, La Paz. Distr. — Peru, Bolivia. Type ♂, Dresden.

Genus TRIZYGIA Skuse

- TRIZYGIA Skuse, 1888: 1137, 1204. Type-species, *flavipes* Skuse (mon.).
NITENS Edwards, 1940a: 462. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Syntypes ♂ ♀, BMNH.

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OBSCURIVENTRIS Bigot, 1888: 13 (*Boletina*). Type-locality: Cape Horn. Type ♂, MNHN.

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INDEX

| | |
|---|--------|
| <i>abbreviata</i> (Loew), 1869 (Leia), Rondaniella | 19E.33 |
| <i>aberrans</i> Philippi, 1865, Sciophila | 19E.52 |
| <i>Abmyceta</i> Lane, 1955 | 19E.9 |
| <i>abnormalis</i> Fisher, 1939, Monoclona | 19E.50 |
| <i>absyrtia</i> Lane, 1954, Dziedzickia | 19E.23 |
| <i>acarensis</i> Lane, 1952, Mycetophila (Mycetophila) | 19E.14 |
| <i>acariensis</i> (Lane), 1951 (Exechia), Boraceomyia | 19E.2 |
| <i>acarisi</i> Lane, 1958, Mycetophila (Abmyceta) | 19E.9 |
| <i>acidoti</i> Coher, 1959, Neoempheria | 19E.43 |
| <i>Acnemia</i> Winnertz, 1863 | 19E.47 |
| <i>aczeli</i> Lane, 1958, Epicypta (Epicypta) | 19E.7 |
| <i>aczeli</i> Lane, 1959, Leia | 19E.27 |
| <i>Agaricobia</i> Philippi, 1865 | 19E.47 |
| <i>aguarasi</i> Lane & Coher, 1950, Schnusea | 19E.25 |
| <i>aguarensis</i> Lane, 1951, Epicypta (Epicypta) | 19E.7 |
| <i>aguarensis</i> Lane, 1951, Zygomyia | 19E.20 |
| <i>airosai</i> Lane, 1947, Rymosia | 19E.4 |
| <i>aitkeni</i> Lane, 1956, Cluzobra | 19E.49 |
| <i>aitkeni</i> (Lane), 1960 (Exechia), Boraceomyia | 19E.2 |
| <i>albicoxa</i> Enderlein, 1910, Leia | 19E.27 |
| <i>alexanderi</i> Coher, 1950, Mycomya | 19E.38 |
| <i>Allocotocera</i> Milk, 1886 | 19E.48 |
| <i>Allodia</i> , authors | 19E.3 |
| <i>Allodiopsis</i> Tuomikoski, 1966 | 19E.2 |
| <i>amabilis</i> (Williston), 1900 (Neoglaphyoptera), Leia | 19E.27 |
| <i>amapaensis</i> Lane, 1961, Epicypta (Callicypta) | 19E.6 |
| <i>amapaensis</i> Lane, 1959, Leia | 19E.27 |
| <i>americana</i> (Schiner), 1868 (Sciophila), Mycomya | 19E.38 |
| <i>amplipennis</i> Freeman, 1951, Mycetophila (Mycetophila) | 19E.14 |
| <i>analis</i> Fisher, 1939, Leia | 19E.28 |

19E.61

| | |
|--|--------|
| anambesi Lane, 1950, <i>Epicypta</i> (<i>Callicypta</i>) | 19E.6 |
| ancyliformans (Holmgren), 1907 (<i>Mycetophila</i>), <i>Epicypta</i> | 19E.8 |
| andina Lane, 1962, <i>Tetragoneura</i> | 19E.33 |
| andirai Lane, 1950, <i>Leia</i> | 19E.27 |
| Aneura Marshall, 1896 | 19E.48 |
| angustifurca Enderlein, 1940, <i>Mycetophila</i> | 19E.17 |
| anhangaensis Lane, 1961, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.9 |
| ansata Freeman, 1951, <i>Mycomya</i> | 19E.38 |
| antarctica (Bigot), 1888 (<i>Boletina</i>), <i>Paraleia</i> | 19E.32 |
| antarctica Walker, 1837, <i>Sciophila</i> | 19E.52 |
| <i>Aphanizophleps</i> Enderlein, 1910 | 19E.1 |
| Aphelomera Skuse, 1888 | 19E.48 |
| Aphrastomyia Coher & Lane, 1949 | 19E.26 |
| apicalis Freeman, 1951, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.12 |
| apicalis (Kertész), 1902 (<i>Neoglyphyoptera</i>), <i>Leia</i> | 19E.27 |
| apicalis Kertész, 1909, <i>Neoempheria</i> | 19E.43 |
| apicata Philippi, 1865, <i>Mycetophila</i> | 19E.17 |
| apinagei Lane, 1950, <i>Leia</i> | 19E.27 |
| arapascoi Lane, 1954, <i>Epicypta</i> (<i>Bosomyia</i>) | 19E.5 |
| arauasi Lane, 1958, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.9 |
| araucana Lane, 1962, <i>Mycetophila</i> (<i>Oromyceta</i>) | 19E.16 |
| araucaniense (Lane), 1962 (<i>Allodia</i>), <i>Brevicornu</i> | 19E.3 |
| araucanum Duret, 1974, <i>Echinopodium</i> | 19E.36 |
| arauensis Lane, 1952, <i>Tetragoneura</i> | 19E.33 |
| ardeiceps Freeman, 1951, <i>Tetragoneura</i> | 19E.33 |
| arecunai Lane, 1955, <i>Mycetophila</i> (<i>Oromyceta</i>) | 19E.16 |
| arethusa Coher, 1952, <i>Mycomya</i> | 19E.39 |
| argentina Lane, 1958, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.9 |
| argentina Lane, 1961, <i>Zygomyia</i> | 19E.20 |
| argentinese Duret, 1975, <i>Echinopodium</i> | 19E.36 |
| argentinese (Lanc), 1958 (<i>Allodia</i>), <i>Brevicornu</i> | 19E.4 |
| argentinsensis Duret, 1972, <i>Austrosynapha</i> | 19E.21 |
| armata Freeman, 1951, <i>Aphelomera</i> | 19E.48 |
| armata Freeman, 1951, <i>Dziedzickia</i> | 19E.23 |
| armatum Duret, 1976, <i>Echinopodium</i> | 19E.36 |
| armatura Freeman, 1951, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.14 |
| arnaudi Lane, 1962, <i>Leiella</i> | 19E.31 |
| aruaci Lane, 1950, <i>Leia</i> | 19E.27 |
| aspasia Lane, 1954, <i>Dziedzickia</i> | 19E.23 |
| atricornis Philippi, 1865, <i>Mycetophila</i> | 19E.17 |
| aurantiaca Edwards, 1934, <i>Zygomyia</i> | 19E.20 |
| australis Philippi, 1865, <i>Sciophila</i> | 19E.52 |
| austrobligua Coher, 1959, <i>Mycomya</i> | 19E.39 |
| Austrosynapha Tonnoir, 1929 | 19E.21 |
| avicularia Freeman, 1951, <i>Mycetophila</i> | 19E.17 |
| axillipunctum Enderlein, 1910, <i>Leia</i> | 19E.27 |
| aysense Duret, 1976, <i>Echinopodium</i> | 19E.36 |
| | |
| bacairisi Lane, 1954, <i>Epicypta</i> (<i>Callicypta</i>) | 19E.6 |
| bacilliger Edwards, 1932, <i>Tetragoneura</i> | 19E.33 |
| banhumai Lane, 1952, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.14 |
| bapianensis Lane, 1951, <i>Epicypta</i> (<i>Epicypta</i>) | 19E.7 |
| barai Lane, 1954, <i>Epicypta</i> (<i>Bosomyia</i>) | 19E.5 |



| | |
|--|--------|
| barei Lane & Coher, 1950, Schnusea | 19E.25 |
| barrettoi (Lane), 1947 (Delopsis), Mycetophila (Abmyceta) | 19E.9 |
| basalis Freeman, 1951, Aneura | 19E.48 |
| basalis Freeman, 1951, Dziedzickia | 19E.23 |
| basalis Freeman, 1951, Mycetophila (Mycetophila) | 19E.14 |
| basinerva Freeman, 1951, Eudicrana | 19E.49 |
| basinerva Freeman, 1951, Mycomya | 19E.39 |
| beatricea Lane, 1960, Dziedzickia | 19E.23 |
| beckeri (Enderlein), 1910 (Parastemma), Tetragoneura | 19E.33 |
| bejaranoi Duret, 1972, Austrosynapha | 19E.21 |
| bejaranoi Duret, 1974, Echinopodium | 19E.36 |
| bequaerti Coher, 1950, Mycomya | 19E.39 |
| biamputata Edwards, 1933, Leia | 19E.29 |
| bicellii Lane, 1961, Epicypta (Callicypta) | 19E.6 |
| bicolor Fisher, 1939, Leiella | 19E.31 |
| bicolor Edwards, 1934, Megophthalmidia | 19E.31 |
| bicolor (Enderlein), 1910 (Acnemia), Monoclona | 19E.51 |
| bicolor Edwards, 1934, Zygomys | 19E.20 |
| bicolorata Lane, 1948, Sceptonia | 19E.19 |
| bidentata Coher, 1959, Neoempheria | 19E.43 |
| bidentata Duret, 1975, Austrosynapha | 19E.21 |
| bifida Coher, 1959, Neoempheria | 19E.39 |
| bifida (Freeman), 1951 (Exechia), Exechiopsis (Xenexechia) | 19E.3 |
| bifida Freeman, 1951, Mycetophila (Mycetophila) | 19E.14 |
| bifida Freeman, 1951, Mycomya | 19E.43 |
| bifida Freeman, 1951, Tetragoneura | 19E.33 |
| bifida Freeman, 1951, Mycetophila | 19E.17 |
| biflagellata Edwards, 1940, Neoempheria | 19E.43 |
| bifurcatum Duret, 1974, Echinopodium | 19E.36 |
| bilobata Edwards, 1940, Neoempheria | 19E.43 |
| bilunula Wiedemann, 1828, Lea | 19E.27 |
| binocellaris (Edwards), 1934 (Acnemia), Cluzobra | 19E.49 |
| bipartita (Lynch Arribálzaga), 1892 (Glaphyroptera), Leia | 19E.27 |
| bipunctata Edwards, 1940, Neoempheria | 19E.43 |
| bipunctata Fisher, 1949, Leia | 19E.27 |
| bisetosa Freeman, 1951, Mycetophila (Mycetophila) | 19E.14 |
| bivittata Say, 1829, Leia | 19E.27 |
| blanchardi Enderlein, 1910, Mycetophila | 19E.17 |
| boracensis Coher, 1959, Mycomya | 19E.39 |
| boracensis Lane, 1962 (Allodia) | 19E.5 |
| boracensis Lane, 1948, Mycetophila (Mycetophila) | 19E.14 |
| Boraceomyia Lane, 1948 | 19E.2 |
| borgmeieri Edwards, 1932, Mycetophila (Abmyceta) | 19E.9 |
| borgmeieri Edwards, 1940, Neoempheria | 19E.44 |
| borgmeieri Edwards, 1932, Tetragoneura | 19E.34 |
| borgmeieri (Lane), 1951 (Exechia), Boraceomyia | 19E.2 |
| borgmeieri Lane, 1959, Leia | 19E.28 |
| borinquensis Coher, 1959, Mycomya | 19E.39 |
| borinquensis (Lane), 1951 (Exechia), Boraceomyia | 19E.2 |
| boscii (Lane), 1948 (Delopsis), Epicypta (Boscmysia) | 19E.5 |
| Boscmysia Lane, 1954 | 19E.5 |
| bradleyi Edwards, 1940, Neoempheria | 19E.44 |
| brasiliiana (Lane), 1947 (Trichonta), Neallodia | 19E.4 |
| brasiliiana (Edwards), 1932 (Delopsis), Epicypta (Epicypta) | 19E.7 |

| | |
|---|--------|
| brasiliiana Lane, 1947, Zygomysia | 19E.21 |
| brasiliensis Coher, 1959, Neoempheria | 19E.44 |
| brasiliensis (Enderlein), 1910 (Mycetophila), Epicypsa (Epicypsa) | 19E.7 |
| brevicauda Coher, 1959, Neoempheria | 19E.44 |
| brevicornis (Enderlein), 1910 (Allodia), Cordyla | 19E.4 |
| Brevicornu Marshall, 1896 | 19E.3 |
| brevifurcata Enderlein, 1910, Mycomys | 19E.39 |
| brevifurcata (Freeman), 1951 (Exechia), Excchiopsis (Xenexechia) | 19E.3 |
| brevifurcata Freeman, 1951, Mycetophila (Mycetophila) | 19E.14 |
| bridgesi Lane, 1963, Mycetophila (Abmyceta) | 19E.9 |
| brontes Coher, 1952, Mycomys | 19E.39 |
| brunnescens Freeman, 1951, Mycetophila (Mycetophila) | 19E.14 |
| burenari Lane, 1952, Tetragoneura | 19E.34 |
| butleri Lane, 1959, Cluzobra | 19E.49 |
| caetensis Lane, 1952, Tetragoneura | 19E.34 |
| caibii Lane & Coher, 1950, Schnusea | 19E.25 |
| caipora Lane, 1961, Dziedzickia | 19E.23 |
| cajuensis (Lane), 1951 (Exechia), Boraceomyia | 19E.2 |
| Callicypsa Lane, 1954 | 19E.6 |
| callidum (Johannsen), 1912 (Allodia), Brevicornu | 19E.4 |
| calopus (Bigot), 1888 (Sciophila), Tetragoneura | 19E.34 |
| campestra Coher, 1959, Mycomys | 19E.39 |
| canicula Freeman, 1951, Mycetophila (Abmyceta) | 19E.9 |
| capitata (Enderlein), 1910 (Plastacephala), Epicypsa | 19E.8 |
| caribai Lane, 1955, Mycetophila (Abmyceta) | 19E.9 |
| caripunai Lane, 1955, Mycetophila (Abmyceta) | 19E.9 |
| carrerei Coher, 1950, Mycomys | 19E.39 |
| carrerei Lane, 1958, Mycetophila (Abmyceta) | 19E.10 |
| castanea Freeman, 1951, Paraleia | 19E.32 |
| catharinae Edwards, 1932, Mycetophila (Mycetophila) | 19E.14 |
| catharinensis Lane, 1954, Leiella | 19E.31 |
| caudata Edwards, 1933, Paraleia | 19E.32 |
| cayapoi Lane, 1950, Leia | 19E.28 |
| cayuensis Lane, 1955, Mycetophila (Abmyceta) | 19E.10 |
| cekalovici Duret, 1976, Echinopodium | 19E.36 |
| cellularis Edwards, 1940, Megalopelma | 19E.50 |
| cerqueirai Lane, 1961, Aphrastomyia | 19E.26 |
| chavantesi Lane, 1951, Zygomysia | 19E.21 |
| chilense Duret, 1975, Echinopodium | 19E.36 |
| chilensis (Blanchard), 1852 (Sciophila), Mycomys | 19E.39 |
| chilensis Philippi, 1865 (Gnoriste) | 19E.54 |
| chiloense Coher, 1959, Echinopodium | 19E.36 |
| chiriguanai Lane, 1954, Epicypsa (Callicypsa) | 19E.6 |
| chlorochroa Freeman, 1951, Mycetophila | 19E.17 |
| ciliata Edwards, 1940, Sciophila | 19E.52 |
| cincta Shaw, 1940, Neoempheria | 19E.44 |
| cinticauda Enderlein, 1910, Leia | 19E.28 |
| cincticornis Edwards, 1940, Sciophila | 19E.52 |
| cintifemur Shaw, 1940, Sciophila | 19E.53 |
| cinerea Freeman, 1951, Paraleia | 19E.32 |



| | |
|--|--------|
| cinerea (Freeman), 1951 (Rhymosia), Allodiopsis (Gymnogonia) | 19E.2 |
| circumfera Fisher, 1939, Leia | 19E.28 |
| citrina Shaw, 1940, Mycomya | 19E.39 |
| claripennis Edwards, 1931, Eudicrana | 19E.49 |
| clarovittata Freeman, 1951, Mycetophila (Abmyceta) | 19E.10 |
| clavata (Lynch Arribáizaga), 1892 (Sciophila), Mycomya | 19E.39 |
| clavigera Freeman, 1951, Mycetophila (Abmyceta) | 19E.10 |
| clata Coher, 1952, Mycomya | 19E.39 |
| clio Lane, 1954, Dziedzickia | 19E.23 |
| Cluzobra Edwards, 1940 | 19E.49 |
| <i>Cnephaeophila</i> Philippi, 1865 | 19E.38 |
| Coelosia Winnertz, 1863 | 19E.23 |
| cognata Philippi, 1865, Mycetophila | 19E.17 |
| coheri Duret, 1974, Echinopodium | 19E.36 |
| coheri Lane, 1954, Dziedzickia | 19E.23 |
| coheri Lane, 1954, Epicypta (Callicypta) | 19E.6 |
| collarigera Enderlein, 1910, Leia | 19E.28 |
| comes Coher, 1959, Neoempheria | 19E.44 |
| completa (Kertész), 1902 (Neoglaphyroptera), Leia | 19E.28 |
| complexum (Lane), 1948 (Allodia), Brevicornu | 19E.4 |
| concinna (Williston), 1896 (Neoglaphyroptera), Leia | 19E.28 |
| concurrans Edwards, 1933, Tetraneura | 19E.34 |
| <i>confusa</i> Lane, 1948, Mycetophila (Abmyceta) | 19E.13 |
| conifera Freeman, 1951, Mycetophila (Abmyceta) | 19E.10 |
| conjuncta Freeman, 1951, Mycetophila (Mycetophila) | 19E.14 |
| connecta Coher, 1959, Mycomya | 19E.39 |
| constricta Freeman, 1951, Mycetophila (Abmyceta) | 19E.10 |
| cornuta Freeman, 1951, Mycetophila | 19E.17 |
| coronatum Duret, 1976, Echinopodium | 19E.36 |
| costalimai Edwards, 1940, Neoempheria | 19E.44 |
| costariensis Coher, 1959, Neoempheria | 19E.44 |
| costaricensis Fisher, 1940, Leia | 19E.28 |
| costaricensis Lane, 1958, Mycetophila (Abmyceta) | 19E.10 |
| couasi Lane, 1954, Epicypta (Callicypta) | 19E.6 |
| coxalis Freeman, 1951, Mycomya | 19E.39 |
| coxata (Enderlein), 1910 (Aphanizophleps), Manota | 19E.1 |
| coxonensis Lane, 1952, Allocotocera | 19E.48 |
| coxonensis Lane, 1952, Mycetophila (Abmyceta) | 19E.10 |
| cramptoni Coher, 1950, Mycomya | 19E.40 |
| cramptoni Coher & Lane, 1949, Aphrastomyia | 19E.26 |
| cristata Freeman, 1951, Aphelomera | 19E.48 |
| cryptura Edwards, 1941, Dziedzickia | 19E.23 |
| curiaensis Lane, 1952, Mycetophila (Mycetophila) | 19E.15 |
| curipiensis Lane, 1961, Epicypta (Epicypta) | 19E.7 |
| curvispina Freeman, 1951, Echinopodium | 19E.36 |
| cuzcoensis Edwards, 1933, Docosia | 19E.26 |
| cylindrica Freeman, 1951, Mycomya | 19E.40 |
| cypriformis Freeman, 1951, Thoracotropls | 19E.35 |
| damascenoi Lane, 1958, Rymosia | 19E.4 |
| defecta Williston, 1896, Manota | 19E.1 |
| deflecta Coher, 1959, Neoempheria | 19E.44 |
| <i>Delopsia</i> Skuse, 1890 | 19E.5 |

| | |
|---|--------------|
| demacuri Lane, 1955, Mycetophila (Abmyceta) | 19E.10 |
| dentata Freeman, 1951, Austrosynapha | 19E.22 |
| dentata Freeman, 1951, Tetragoneura | 19E.34 |
| derunei Lane, 1952, Tetragoneura | 19E.34 |
| desanei Lane & Coher, 1950, Schnusea | 19E.25 |
| diana Lane, 1959, Dziedzickia | 19E.24 |
| dichaeta Freeman, 1951, Mycetophila (Abmyceta) | 19E.10 |
| dichroma Freeman, 1951, Leia | 19E.28 |
| digitalis Freeman, 1951, Echinopodium | 19E.36 |
| digitalis Freeman, 1951, Mycetophila | 19E.17 |
| digitata Edwards, 1940, Monoclona | 19E.51 |
| diluta (Williston), 1896 (Sciophila), Mycomya | 19E.41 |
| Diomonus Walker, 1848 | 19E.50 |
| disgrega Edwards, 1933, Leia | 19E.28 |
| distincta Freeman, 1951, Leiella | 19E.31 |
| distincta Freeman, 1951, Mycetophila (Abmyceta) | 19E.10 |
| distincta Fisher, 1939, Novakia | 19E.51 |
| divergens Edwards, 1932, Megophthalmidia | 19E.31 |
| diversicornis (Kertész), 1902 (Neoglaphyoptera), Leia | 19E.28 |
| diversipes Edwards, 1933, Leia | 19E.28 |
| divisa Freeman, 1951, Mycomya | 19E.40 |
| Docosia Winnertz, 1863 | 19E.26 |
| dolosa Williston, 1896, Mycetophila | 19E.17 |
| dominica Curran, 1927, Mycetophila | 19E.17 |
| dorsimacula Enderlein, 1910, Mycomya | 19E.41 |
| dryope Coher, 1952, Mycomya | 19E.40 |
| Juanasi Lane, 1951, Epicypta (Epicypta) | 19E.7 |
| duanensis Lane, 1952, Mycetophila (Mycetophila) | 19E.15 |
| dubitans Lane, 1954, Dziedzickia | 19E.24 |
| dumeta Coher, 1959, Mycomya | 19E.40 |
| Dziedzickia Johannsen, 1909 | 19E.23 |
| dziedzickii Coher, 1959, Neoempheria | 19E.44 |
| Echinopodium Freeman, 1951 | 19E.36 |
| ecuadorensis Coher, 1959, Neoempheria | 19E.44 |
| edwardsi Lane, 1948, Boraceomyia | 19E.3 |
| edwardsi Lane, 1960, Cluzobra | 19E.49 |
| edwardsi Lane, 1948, Mycetophila (Mycetophila) | 19E.16 |
| edwardsiana Lane, 1952, Dziedzickia | 19E.24 |
| edwardsiana Lane, 1954, Megophthalmidia | 19E.31 |
| edwardsii Coher, 1960, Mycomya | 19E.40 |
| elegans Duret, 1976, Echinopodium | 19E.37 |
| elegans Lane, 1948, Eudicrana | 19E.49 |
| elegans (Kertész), 1902 (Neoglaphyoptera), Leia | 19E.28 |
| embuensis (Lane), 1956 (Exechia), Boraceomyia | 19E.2 |
| Empheria Winnertz, 1863 | 19E.43 |
| enderleini Edwards, 1940, Neoempheria | 19E.44 |
| endymion Lane, 1959, Dziedzickia | 19E.24 |
| epacra Coher, 1959, Mycomya | 19E.40 |
| Epicypta Winnertz, 1863 | 19E.5, 19E.7 |
| equatoriana Lane, 1962, Megophthalmidia | 19E.32 |
| eramalai Lane, 1952, Tetragoneura | 19E.34 |
| eramanensis Lane, 1955, Mycetophila (Abmyceta) | 19E.10 |



| | |
|---|--------|
| eruliense (Lane), 1956 (Allodia), Brevicornu | 19E.4 |
| Eudicrana Loew, 1869 | 19E.49 |
| Eurycera Dziedzicki, 1885 | 19E.48 |
| evanescens (Enderlein), 1910 (Pleonazoneura), Neoempheria | 19E.44 |
| excerpta Coher, 1959, Mycomya | 19E.40 |
| Exechia, authors | 19E.2 |
| Exechiini | 19E.2 |
| Exechiopsis Tuomikoski, 1966 | 19E.3 |
| extensa (Freeman), 1951 (Exechia), Exechiopsis (Xenexechia) | 19E.3 |
| faceta Coher, 1959, Neoempheria | 19E.44 |
| falcifera Freeman, 1951, Mycomya | 19E.40 |
| falcigera Freeman, 1951, Paraleia | 19E.32 |
| falculata Edwards, 1933, Leia | 19E.28 |
| fallax Coher, 1959, Neoempheria | 19E.44 |
| fanipennis Lane, 1952, Tetragoneura | 19E.34 |
| fasciata Freeman, 1951, Mycetophila (Mycetophila) | 19E.14 |
| fasciata (Kertész), 1902 (Neoglaphyoptera), Leia | 19E.28 |
| fasciata Freeman, 1951, Phthinia | 19E.52 |
| fasciata Freeman, 1951, Trichonta | 19E.20 |
| fasciculatus Edwards, 1933, Leptomorphus | 19E.50 |
| fascipennis Edwards, 1940, Cluzobra | 19E.49 |
| fascipennis Philippi, 1865, Mycetophila | 19E.17 |
| femoratus Edwards, 1933, Leptomorphus | 19E.50 |
| fenestralis (Philippi), 1865 (Cnephaeophila), Mycomya | 19E.40 |
| ferrazi Coher, 1950, Mycomya | 19E.40 |
| ferrazi Lane, 1955, Mycetophila (Oromyceta) | 19E.16 |
| fidelis Edwards, 1940, Sciophila | 19E.53 |
| fiebrigi Edwards, 1934, Dziedzickia | 19E.24 |
| fillicauda (Edwards), 1934 (Synapha), Austrosynapha | 19E.22 |
| fisherae Shaw, 1950, Leia | 19E.28 |
| flabellifera Freeman, 1951, Mycetophila | 19E.17 |
| flabellifera Freeman, 1951, Parvicellula | 19E.52 |
| flagellata Freeman, 1951, Phthinia | 19E.52 |
| flagellatum Freeman, 1951, Echinopodium | 19E.37 |
| flavescens Freeman, 1951, Mycomya | 19E.40 |
| flavicauda Edwards, 1941, Tetragoneura | 19E.34 |
| flavicincta Freeman, 1951, Tetragoneura | 19E.34 |
| flavicornis Edwards, 1940, Neoempheria | 19E.44 |
| flavicoxa Edwards, 1940, Neoempheria | 19E.44 |
| flavicoxa Freeman, 1951, Acnemia | 19E.47 |
| flavicoxa Freeman, 1951, Allocotocera | 19E.48 |
| flavida Edwards, 1932, Neallodia | 19E.4 |
| flavipalpis Freeman, 1951, Synapha | 19E.25 |
| flavipes (Enderlein), 1910 (Plastacephala), Epicypta (Epicypta) | 19E.8 |
| flavithorax Freeman, 1951, Coelosia | 19E.23 |
| flavithorax Freeman, 1951, Mycetophila | 19E.17 |
| flavonigra Freeman, 1951, Mycetophila (Abmyceta) | 19E.10 |
| flavonigra Lane, 1954, Dziedzickia | 19E.24 |
| flavoscutellata (Lynch Arribáizaga), 1892 (Glaphyoptera), Leia | 19E.29 |
| flexiseta Freeman, 1951, Mycetophila (Abmyceta) | 19E.10 |
| forattinii Lane, 1960, Epicypta (Boscmyia) | 19E.5 |
| forattinii Lane, 1955, Mycetophila (Abmyceta) | 19E.10 |

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|--|--------|
| forcipata Freeman, 1951, Austrosynapha | 19E.22 |
| forcipata Freeman, 1951, Mycomya | 19E.40 |
| formosensis (Lynch Arribálzaga), 1892 (Sciophila), Neoempheria | 19E.45 |
| fractinervis Edwards, 1940, Sciophila | 19E.53 |
| fraudulenta (Williston), 1896 (Phthinia), Megalopclma | 19E.50 |
| freemani Coher, 1950, Mycomya | 19E.40 |
| freemani Duret, 1974, Echinopodium | 19E.37 |
| freemani Lane, 1956, Acnemia | 19E.47 |
| freemani Lane, 1960, Austrosynapha | 19E.22 |
| freemani Lane, 1954, Dziedzickia | 19E.24 |
| freemani Lane, 1954, Megophthalmidia | 19E.32 |
| freemani Lane, 1948, Mycetophila (Mycetophila) | 19E.15 |
| freemani Lane, 1951, Zygomysia | 19E.21 |
| fulva Lane, 1954, Leiella | 19E.31 |
| fulva Lane, 1954, Synapha | 19E.23 |
| fulvicollis (Philippi), 1865 (Agaricobia), Acnemia | 19E.48 |
| fumipennis Freeman, 1951, Synapha | 19E.25 |
| funebis Freeman, 1951, Mycomya | 19E.40 |
| funerea Freeman, 1951, Acnemia | 19E.48 |
| funerea Freeman, 1951, Dziedzickia | 19E.24 |
| funerea (Freeman), 1951 (Exechia), Exechiopsis (Xenexechia) | 19E.3 |
| funerea Freeman, 1951, Mycetophila (Abmyceta) | 19E.11 |
| funerea Freeman, 1951, Paraleia | 19E.32 |
| funerea Freeman, 1951, Synapha | 19E.25 |
| funerea Freeman, 1951, Trichonta | 19E.20 |
| <i>Fungivora</i> Meigen, 1800 | 19E.9 |
| furcata Lane, 1954, Austrosynapha | 19E.22 |
| furcata Freeman, 1951, Phthinia | 19E.52 |
| furcata Freeman, 1951, Procydoneura | 19E.33 |
| furcilla (Freeman), 1954 (Exechia), Exechiopsis (Xenexechia) | 19E.3 |
| fusca Edwards, 1934, Stenophragma | 19E.53 |
| fuscens Freeman, 1951, Mycetophila (Mycetophila) | 19E.15 |
| fuscicornis Edwards, 1941, Leia | 19E.28 |
| fuscicornis Freeman, 1951, Mycomya | 19E.40 |
| fuscipennis Edwards, 1940, Cluzobra | 19E.49 |
| fuscus Freeman, 1951, Pleurogymnus | 19E.19 |
| | |
| galea Freeman, 1951, Tetragoneura | 19E.34 |
| galibisi Lane, 1955, Mycetophila (Abmyceta) | 19E.11 |
| galindoi Lane, 1961, Dziedzickia | 19E.24 |
| gentili Duret, 1975, Echinopodium | 19E.37 |
| glandularis Edwards, 1940, Allocotocera | 19E.48 |
| <i>Glaphyoptera</i> Winnertz, 1863 | 19E.27 |
| glochis Coher, 1959, Neoempheria | 19E.45 |
| gloriosa Lane, 1959, Dziedzickia | 19E.24 |
| Gnoristini | 19E.21 |
| goiana Coher, 1959, Neoempheria | 19E.45 |
| goianensis (Lane), 1947 (Delopsis), Epicypta (Epicypta) | 19E.8 |
| goianensis (Lane), 1946 (Exechia), Boraceomyia | 19E.2 |
| golbachi Lane, 1958, Mycetophila (Abmyceta) | 19E.11 |
| golbachi Lane, 1961, Zygomysia | 19E.21 |
| gracile Kertész, 1901 (Dynatosoma) | 19E.5 |
| gradata Freeman, 1951, Mycetophila (Abmyceta) | 19E.11 |



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|--|--------|
| guaiaensis Lane, 1951, <i>Tetragoncura</i> | 19E.34 |
| guanasi Lane, 1958, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.15 |
| guanensis Lane, 1951, <i>Epicypa</i> (<i>Epicypa</i>) | 19E.8 |
| guaraiasi Lane, 1952, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.15 |
| guarani Lane, 1951, <i>Epicypa</i> (<i>Epicypa</i>) | 19E.8 |
| guatensis Lane, 1955, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.11 |
| guaycurusi Lane, 1950, <i>Leia</i> | 19E.29 |
| <i>Gymnogonia</i> Tuomikoski, 1966 | 19E.2 |
| | |
| halterata (Kertész), 1902 (<i>Neoglaphyoptera</i>), <i>Leia</i> | 19E.29 |
| hamadryas Coher, 1952, <i>Mycomya</i> | 19E.40 |
| hansoni Coher, 1950, <i>Mycomya</i> | 19E.41 |
| heros Lane, 1951, <i>Zygomyia</i> | 19E.21 |
| herteli Lane, 1951, <i>Zygomyia</i> | 19E.21 |
| <i>Hertwigia</i> Dziedzicki, 1885 | 19E.23 |
| hetcroneura Philippi, 1865, <i>Mycetophila</i> | 19E.17 |
| <i>Homaspis</i> Skuse, 1888 | 19E.53 |
| horrens Coher, 1959, <i>Neoempheria</i> | 19E.45 |
| huarpesi Lane, 1952, <i>Tetragoneura</i> | 19E.34 |
| humboldti (Lane), 1948 (<i>Delopsis</i>), <i>Mycetophila</i> (<i>Abmyceta</i>) ... | 19E.11 |
| humeralis Edwards, 1934, <i>Stenophragma</i> | 19E.53 |
| humile (Lane), 1948 (<i>Allodia</i>), <i>Brevicornu</i> | 19E.4 |
| hypsipile Lane, 1954, <i>Dziedzickia</i> | 19E.24 |
| | |
| iara Lane, 1961, <i>Dziedzickia</i> | 19E.24 |
| iaunai Lane, 1952, <i>Tetragoneura</i> | 19E.34 |
| iaunensis Lane, 1951, <i>Epicypa</i> (<i>Epicypa</i>) | 19E.8 |
| ibarraí Duret, 1973, <i>Austrosynapha</i> | 19E.22 |
| icosi Lane, 1958, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.11 |
| idalis Lane, 1954, <i>Synapha</i> | 19E.25 |
| iheringi Lane, 1948, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.15 |
| illita Freeman, 1951, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.15 |
| incompleta Curran, 1928, <i>Leia</i> | 19E.29 |
| <i>incompleta</i> Edwards, 1933, <i>Leia</i> | 19E.30 |
| inermis Freeman, 1951, <i>Aphelomera</i> | 19E.49 |
| inermis Freeman, 1951, <i>Mycomya</i> | 19E.41 |
| infirma (Lynch Arribáizaga), 1892 (<i>Sciophila</i>), <i>Mycomya</i> | 19E.41 |
| infuscata Freeman, 1951, <i>Mycomya</i> | 19E.41 |
| infuscata Freeman, 1951, <i>Paratrizygia</i> | 19E.51 |
| inornata Lane, 1948, <i>Epicypa</i> (<i>Callicypa</i>) | 19E.6 |
| insecta Freeman, 1951, <i>Mycetophila</i> | 19E.18 |
| insipiens (Williston), 1896 (<i>Mycetophila</i>), <i>Epicypa</i> | 19E.9 |
| insolitum Duret, 1976, <i>Echinopodium</i> | 19E.37 |
| intermedia Lane, 1954, <i>Dziedzickia</i> | 19E.24 |
| intermedia Edwards, 1940, <i>Stenophragma</i> | 19E.53 |
| interrupta (Kertész), 1902 (<i>Neoglaphyoptera</i>), <i>Leia</i> | 19E.29 |
| ionica Lane, 1959, <i>Dziedzickia</i> | 19E.24 |
| iphis Coher, 1952, <i>Mycomya</i> | 19E.41 |
| franchesi Lane, 1960, <i>Epicypa</i> (<i>Callicypa</i>) | 19E.6 |
| irene Coher, 1952, <i>Mycomya</i> | 19E.45 |
| iumensis Lane, 1954, <i>Epicypa</i> (<i>Boscmyia</i>) | 19E.5 |

| | |
|---|--------|
| jaffuelensis Freeman, 1951, Mycomya | 19E.41 |
| jamaicensis Coher, 1961, Neoempheria | 19E.45 |
| janus Lane, 1959, Dziedzickia | 19E.24 |
| jaruensis Lane, 1951, Epicypta (Epicypta) | 19E.8 |
| jarusi Lane, 1952, Leiella | 19E.31 |
| javaesi Lane, 1955, Mycetophila (Oromyceta) | 19E.16 |
| johannseni (Enderlein), 1910 (Pleonazoneura), Neoempheria | 19E.45 |
| johannseni (Lane), 1947 (Delopsis), Epicypta (Callicypta) | 19E.6 |
| jugalisi Coher, 1959, Neoempheria | 19E.45 |
| juinensis Lane, 1952, Mycetophila (Mycetophila) | 19E.15 |
| junai Lane, 1950, Leia | 19E.29 |
| juno Lane, 1954, Synapha | 19E.26 |
| jurii Lane, 1955, Mycetophila (Abmyceta) | 19E.11 |
| jurunensis Lane, 1955, Mycetophila (Abmyceta) | 19E.11 |
| jurupari Lane, 1961, Dziedzickia | 19E.24 |
| kaestneri Edwards, 1940, Neoempheria | 19E.45 |
| kaingangi Lane, 1956, Mycetophila (Abmyceta) | 19E.11 |
| kuilcurusi Lane, 1954, Epicypta (Callicypta) | 19E.6 |
| kunasensis Lane, 1955, Mycetophila (Abmyceta) | 19E.11 |
| lacuna Freeman, 1951, Mycetophila (Abmyceta) | 19E.11 |
| lafooni Lane, 1951, Zygomys | 19E.21 |
| laianasi Lane, 1958, Mycetophila (Abmyceta) | 19E.11 |
| lamellata Freeman, 1951, Austrosynapha | 19E.22 |
| lamellata Freeman, 1951, Mycomya | 19E.41 |
| lanei Coher, 1950, Mycomya | 19E.41 |
| lanei Duret, 1974, Echinopodium | 19E.37 |
| lanei Edwards, 1941, Cluzobra | 19E.49 |
| lanei Edwards, 1940, Neoempheria | 19E.45 |
| larifuga Coher, 1959, Neoempheria | 19E.45 |
| Lasiosoma Winnertz, 1863 | 19E.52 |
| laticornis Enderlein, 1910 (Syntemna) | 19E.26 |
| lativitta Freeman, 1951, Mycetophila (Abmyceta) | 19E.11 |
| Leia Meigen, 1818 | 19E.26 |
| Leiella Enderlein, 1910 | 19E.31 |
| Leiini | 19E.26 |
| Leja, error or emend. | 19E.27 |
| lenguasi Lane, 1954, Epicypta (Bosomyia) | 19E.5 |
| Leptomorphus Curtis, 1831 | 19E.50 |
| leucocera Edwards, 1933, Leia | 19E.29 |
| levir Coher, 1959, Neoempheria | 19E.45 |
| Lia, emend. | 19E.27 |
| lindneri Edwards, 1940, Neoempheria | 19E.45 |
| liriope Lane, 1954, Dziedzickia | 19E.24 |
| longicalcar (Enderlein), 1910 (Plastacephala), Epicypta | 19E.9 |
| longicornis Enderlein, 1910, Sceptonia | 19E.20 |
| longifurcata Freeman, 1951, Stenophragma | 19E.53 |
| longinervis Freeman, 1951, Phronia | 19E.19 |
| longiseta Coher, 1959, Neoempheria | 19E.45 |
| longistila Freeman, 1951, Aneura | 19E.48 |
| longistila Freeman, 1951, Mycomya | 19E.41 |

| | |
|--|--------|
| <i>lorigera</i> Freeman, 1951, <i>Mycetophila</i> | 19E.18 |
| <i>luederwaldti</i> Edwards, 1940, <i>Neoempheria</i> | 19E.45 |
| <i>luederwaldti</i> (Enderlein), 1910 (<i>Plastacephala</i>), <i>Epicypta</i> (<i>Epicypta</i>) | 19E.8 |
| <i>lugubris</i> (Lane), 1948 (<i>Delopsis</i>), <i>Epicypta</i> (<i>Boscmyia</i>) | 19E.6 |
| <i>lunata</i> (Lane), 1948 (<i>Delopsis</i>), <i>Epicypta</i> (<i>Callicypta</i>) | 19E.6 |
| <i>lutea</i> Enderlein, 1910, <i>Mycomya</i> | 19E.41 |
| <i>lutzi</i> Edwards, 1940, <i>Neoempheria</i> | 19E.45 |
| <i>macula</i> (Enderlein), 1910 (<i>Mycetophila</i>), <i>Epicypta</i> | 19E.9 |
| <i>maculata</i> Edwards, 1933, <i>Monoclona</i> | 19E.51 |
| <i>maculipennis</i> (Enderlein), 1910 (<i>Plastacephala</i>), <i>Epicypta</i> (<i>Epicypta</i>) | 19E.8 |
| <i>maculipennis</i> Freeman, 1951, <i>Leia</i> | 19E.30 |
| <i>maculipennis</i> Williston, 1896, <i>Neoempheria</i> | 19E.45 |
| <i>macunai</i> Lane, 1954, <i>Epicypta</i> (<i>Callicypta</i>) | 19E.7 |
| <i>major</i> Freeman, 1951, <i>Trichonta</i> | 19E.20 |
| <i>malleolus</i> Freeman, 1954, <i>Leia</i> | 19E.29 |
| <i>Manota</i> Williston, 1896 | 19E.1 |
| <i>Manotinae</i> | 19E.1 |
| <i>manteri</i> Coher, 1950, <i>Mycomya</i> | 19E.41 |
| <i>martinezi</i> Duret, 1972, <i>Austrosynapha</i> | 19E.22 |
| <i>mathesoni</i> Coher, 1950, <i>Mycomya</i> | 19E.41 |
| <i>mathesoni</i> Lane, 1948, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.15 |
| <i>mauesensis</i> Lane, 1954, <i>Epicypta</i> (<i>Boscmyia</i>) | 19E.5 |
| <i>maupiensis</i> Lane, 1951, <i>Epicypta</i> (<i>Epicypta</i>) | 19E.8 |
| <i>medea</i> Lane, 1954, <i>Dziedzickia</i> | 19E.24 |
| <i>Megalopelma</i> Enderlein, 1910 | 19E.50 |
| <i>Megophthalmidia</i> Dziedzicki, 1889 | 19E.31 |
| <i>merdigera</i> Knab & Zwaluwenburg, 1918, <i>Mycetophila</i> | 19E.18 |
| <i>meridionalis</i> Johannsen, 1910, <i>Mycomya</i> | 19E.41 |
| <i>mesorphina</i> Speiser, 1911, <i>Mycetophila</i> | 19E.18 |
| <i>metallica</i> Lane, 1954, <i>Dziedzickia</i> | 19E.24 |
| <i>micelbacheri</i> Lane, 1962, <i>Synapha</i> | 19E.26 |
| <i>midas</i> Coher, 1952, <i>Mycomya</i> | 19E.41 |
| <i>miltoni</i> (Lane), 1948 (<i>Delopsis</i>), <i>Epicypta</i> (<i>Boscmyia</i>) | 19E.5 |
| <i>minor</i> Duret, 1975, <i>Echinopodium</i> | 19E.37 |
| <i>minor</i> Enderlein, 1910, <i>Tetragnoneura</i> | 19E.34 |
| <i>modesta</i> Lane, 1948, <i>Zygomyia</i> | 19E.21 |
| <i>Monoclona</i> Mik, 1886 | 19E.50 |
| <i>monoleuca</i> Edwards, 1933, <i>Leia</i> | 19E.29 |
| <i>morenoi</i> Lane, 1963, <i>Synapha</i> | 19E.26 |
| <i>morigenea</i> Edwards, 1940, <i>Stenophragma</i> | 19E.53 |
| <i>morosa</i> Edwards, 1933, <i>Procycloneura</i> | 19E.33 |
| <i>muchtleri</i> Curran, 1928, <i>Leia</i> | 19E.29 |
| <i>muelleri</i> Edwards, 1940, <i>Neoempheria</i> | 19E.46 |
| <i>multiplex</i> Freeman, 1951, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.15 |
| <i>multiseti</i> Coher, 1959, <i>Mycomya</i> | 19E.41 |
| <i>munroei</i> Duret, 1976, <i>Echinopodium</i> | 19E.37 |
| <i>Mycetophila</i> Meigen, 1803 | 19E.14 |
| <i>Mycetophilinae</i> | 19E.2 |
| <i>Mycetophilini</i> | 19E.5 |
| <i>Mycomya</i> Rondani, 1856 | 19E.38 |

| | |
|---|--------|
| <i>Mycomyia</i> , emend. | 19E.38 |
| Mycomyini | 19E.35 |
| | |
| naumanni Duret, 1973, Austrosynapha | 19E.22 |
| Neallodia Edwards, 1932 | 19E.4 |
| neivai Edwards, 1940, Leptomorphus | 19E.50 |
| neivai Edwards, 1940, Neoempheria | 19E.46 |
| neivai Shaw, 1940, Neoempheria | 19E.46 |
| Neoempheria Osten Sacken, 1878 | 19E.43 |
| Neoglaphyoptera Osten Sacken, 1878 | 19E.27 |
| Neoepicypta Coher, 1950 | 19E.19 |
| neotropica Lane, 1959, Coelosia | 19E.23 |
| neotropicalis Lane, 1947, Platurocypta | 19E.19 |
| nephrodops (Enderlein), 1910 (Selkirkius), Paraleia | 19E.32 |
| nervitacta Freeman, 1951, Mycetophila (Mycetophila) | 19E.15 |
| ncuquense Duret, 1975, Echinopodium | 19E.37 |
| Neuratelia Rondani, 1856 | 19E.51 |
| Neurocompsa Enderlein, 1910 | 19E.43 |
| nicothoe Coher, 1952, Mycomyia | 19E.42 |
| nigra Fisher, 1939, Dziedzickia | 19E.24 |
| nigra Freeman, 1951, Megophthalmidia | 19E.32 |
| nigrescens Duret, 1974, Echinopodium | 19E.37 |
| nigrescens Freeman, 1951, Mycetophila | 19E.18 |
| nigrescens Lane, 1954, Synapha | 19E.26 |
| nigricauda Edwards, 1933, Leia | 19E.29 |
| nigricauda Edwards, 1940, Stenophragma | 19E.53 |
| nigricoxa Freeman, 1951, Allocotocera | 19E.48 |
| nigricoxa Freeman, 1951, Echinopodium | 19E.37 |
| nigripalpis Freeman, 1951, Tetragoneura | 19E.34 |
| nigriventris Edwards, 1940, Monoclona | 19E.51 |
| nigriventris Philippi, 1865, Mycetophila | 19E.18 |
| nigrohalterata (Enderlein), 1910 (Plastacephala), Epicypta (Epicypta) | 19E.8 |
| nigrospleniata (Lynch Arribáizaga), 1892 (Glaphyoptera), Leia | 19E.29 |
| nitens Edwards, 1940, Trizygia | 19E.54 |
| nitens (Williston), 1896 (Neoglaphyoptera), Leia | 19E.29 |
| nocticolor Edwards, 1932, Tetragoneura | 19E.34 |
| nodulosa Williston, 1896, Mycetophila | 19E.18 |
| notata Freeman, 1951, Mycetophila (Abmyceta) | 19E.11 |
| Novakia Strobl, 1893 | 19E.51 |
| nubilipennis Freeman, 1951, Trichonta | 19E.20 |
| nubilipennis (Walker), 1837 (Leia), Paraleia | 19E.32 |
| nublensis Lane, 1962, Mycetophila (Abmyceta) | 19E.11 |
| | |
| oblectabilis Loew, 1869, Leia | 19E.29 |
| obscuripennis Blanchard, 1852, Mycetophila | 19E.18 |
| obscuriventris Bigot, 1888 (Boletina) | 19E.54 |
| obsoleta Blanchard, 1852, Sciophila | 19E.53 |
| ochracea Freeman, 1951, Mycomyia | 19E.42 |
| ochracea Freeman, 1951, Stenophragma | 19E.53 |
| ochreocalcar Enderlein, 1910, Leiella | 19E.31 |
| ocreata Philippi, 1865, Sciophila | 19E.53 |
| oedipus Edwards, 1934, Epicypta (Epicypta) | 19E.8 |



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|--|--------|
| oiampensis Lane, 1961, Dziedzickia | 19E.25 |
| oliveirai Lane, 1959, Leia | 19E.29 |
| opaiei Lane, 1954, Epicypta (Boscomyla) | 19E.6 |
| ordiniseta Freeman, 1951, Mycetophila | 19E.18 |
| ornata Lane, 1948, Epicypta (Callicypta) | 19E.7 |
| ornatidorsum (Enderlein), 1910 (Mycetophila), Epicypta | 19E.9 |
| ornatifemora Fisher, 1939, Sceptonia | 19E.20 |
| ornatipennis Blanchard, 1852, Mycetophila | 19E.18 |
| ornatipennis (Enderlein), 1910 (Neurocompsa), Neoempheria | 19E.46 |
| ornatipennis Lane, 1948, Zygomyia | 19E.21 |
| Oromyceta Lane, 1955 | 19E.16 |
| | |
| paiaguensis Lane, 1956, Sceptonia | 19E.20 |
| pallida Freeman, 1951, Eudicrana | 19E.49 |
| pallida Johnson, 1919, Mycetophila | 19E.18 |
| palpalis Lane, 1948, Manota | 19E.1 |
| pammela Edwards, 1933, Docosia | 19E.26 |
| panamensis Coher, 1959, Neoempheria | 19E.46 |
| paraensis Lane, 1958, Rymosia | 19E.4 |
| Paraleia Tonnoir, 1929 | 19E.32 |
| paranensis Edwards, 1933, Leia | 19E.30 |
| paranensis Edwards, 1932, Procycloneura | 19E.33 |
| paranensis (Lynch Arribálzaga), 1892 (Lasiosoma), Sciophila | 19E.53 |
| paranotata Freeman, 1954, Mycetophila (Abmyceta) | 19E.11 |
| parapicalis Freeman, 1954, Mycetophila (Abmyceta) | 19E.12 |
| Paratrizygia Tonnoir, 1929 | 19E.51 |
| Parvicellula Marshall, 1896 | 19E.52 |
| passei Lane, 1952, Mycetophila (Mycetophila) | 19E.15 |
| patagonesi Lane, 1958, Mycetophila (Abmyceta) | 19E.12 |
| patagonicum Duret, 1976, Echinopodium | 19E.37 |
| paulensis Coher, 1959, Neoempheria | 19E.46 |
| paulensis Edwards, 1933, Leia | 19E.30 |
| paulistana Lane, 1956, Austrosynapha | 19E.22 |
| paulistensis Lane, 1948, Epicypta (Callicypta) | 19E.7 |
| paulistensis (Lanc), 1946 (Ezechia), Boraceomyia | 19E.3 |
| paupercula Coher, 1959, Mycomya | 19E.42 |
| pectinata Freeman, 1951, Mycetophila (Abmyceta) | 19E.12 |
| pectinata Freeman, 1951, Mycomya | 19E.42 |
| pectinata Freeman, 1951, Tetragoneura | 19E.34 |
| pedifera Edwards, 1933, Leia | 19E.30 |
| pellucida Freeman, 1951, Mycetophila (Abmyceta) | 19E.12 |
| penai Duret, 1976, Echinopodium | 19E.37 |
| peniculata Freeman, 1951, Mycetophila (Abmyceta) | 19E.12 |
| pereirai Edwards, 1940, Neoempheria | 19E.46 |
| peruana Kertész, 1909, Tetragoneura | 19E.35 |
| peruana Lane, 1962, Epicypta (Epicypta) | 19E.8 |
| peruviana Edwards, 1931, Mycomya | 19E.42 |
| peruviana Edwards, 1933, Paraleia | 19E.32 |
| philipsi Shaw, 1951, Neoempheria | 19E.46 |
| Phronia Winnertz, 1863 | 19E.19 |
| Phthinia Winnertz, 1863 | 19E.52 |
| picea Freeman, 1951, Mycetophila (Mycetophila) | 19E.15 |
| picticornis (Kertész), 1902 (Neoglaphyoptera), Leia | 19E.30 |
| pilosa Edwards, 1940, Neoempheria | 19E.46 |



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| <i>pilosa</i> Edwards, 1931, <i>Rymosia</i> | 19E.5 |
| <i>pliosum</i> Duret, 1976, <i>Echinopodium</i> | 19E.37 |
| <i>pirapesi</i> Lane, 1958, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.12 |
| <i>planiceps</i> Enderlein, 1910, <i>Megalopelma</i> | 19E.50 |
| <i>planiventris</i> (Enderlein), 1910 (<i>Plastacephala</i>), <i>Epicypta</i> (<i>Epicypta</i>) | 19E.8 |
| <i>Plastacephala</i> Enderlein, 1910 | 19E.5 |
| <i>Platurocypta</i> Enderlein, 1910 | 19E.19 |
| <i>platyura</i> Edwards, 1940, <i>Megalopelma</i> | 19E.50 |
| <i>plumanni</i> Edwards, 1940, <i>Cluzobra</i> | 19E.49 |
| <i>plumanni</i> Edwards, 1940, <i>Neoempheria</i> | 19E.46 |
| <i>plumanni</i> Lane, 1959, <i>Leia</i> | 19E.30 |
| <i>plumanni</i> Lane, 1958, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.12 |
| <i>plumanni</i> Lane, 1954, <i>Megophthalmidia</i> | 19E.32 |
| <i>plumanni</i> Lane, 1951, <i>Zygomyia</i> | 19E.21 |
| <i>Pleonazoneura</i> Enderlein, 1910 | 19E.43 |
| <i>pleuralis</i> Edwards, 1934, <i>Stenophragma</i> | 19E.53 |
| <i>Pleurogymnus</i> Freeman, 1951 | 19E.19 |
| <i>pluripunctata</i> (Lane), 1948 (<i>Delopsis</i>), <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.12 |
| <i>poeciloptera</i> Philippi, 1865, <i>Leia</i> | 19E.30 |
| <i>pollux</i> Freeman, 1951, <i>Tetragoneura</i> | 19E.35 |
| <i>pontis</i> Coher, 1959, <i>Mycomya</i> | 19E.42 |
| <i>popocatepetli</i> Bellardi, 1859, <i>Sciophila</i> | 19E.53 |
| <i>portoblast</i> Coher, 1959, <i>Mycomya</i> | 19E.42 |
| <i>portoricensis</i> Coher, 1959, <i>Neoempheria</i> | 19E.46 |
| <i>praecox</i> Philippi, 1865, <i>Sciophila</i> | 19E.53 |
| <i>Procycloneura</i> Edwards, 1932 | 19E.33 |
| <i>producta</i> Freeman, 1951, <i>Parvicellula</i> | 19E.52 |
| <i>proseni</i> Duret, 1973, <i>Austrosynapha</i> | 19E.22 |
| <i>pubericornis</i> Edwards, 1933, <i>Dziedzickia</i> | 19E.25 |
| <i>pucaraense</i> Duret, 1974, <i>Echinopodium</i> | 19E.37 |
| <i>pucaraensis</i> Duret, 1973, <i>Mycetophila</i> | 19E.18 |
| <i>punctata</i> Bellardi, 1859, <i>Leia</i> | 19E.30 |
| <i>puncticoxa</i> Edwards, 1940, <i>Neoempheria</i> | 19E.46 |
| <i>punctiformis</i> Fisher, 1939, <i>Leia</i> | 19E.28 |
| <i>punctipennis</i> Blanchard, 1852, <i>Mycetophila</i> | 19E.17 |
| <i>punctulata</i> (Lane), 1947 (<i>Delopsis</i>), <i>Epicypta</i> (<i>Callicypta</i>) | 19E.7 |
| <i>punensis</i> Lane, 1955, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.12 |
| <i>pusilla</i> Philippi, 1865, <i>Sciophila</i> | 19E.53 |
| <i>quadripectinata</i> Edwards, 1940, <i>Parvicellula</i> | 19E.52 |
| <i>quadrisetosa</i> Freeman, 1951, <i>Austrosynapha</i> | 19E.22 |
| <i>rabelloi</i> Coher, 1959, <i>Neoempheria</i> | 19E.46 |
| <i>rabelloi</i> (Lane), 1948 (<i>Delopsis</i>), <i>Epicypta</i> (<i>Callicypta</i>) | 19E.7 |
| <i>ramosa</i> Freeman, 1951, <i>Mycetophila</i> | 19E.18 |
| <i>recta</i> Freeman, 1951, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.13 |
| <i>reducta</i> Freeman, 1951, <i>Austrosynapha</i> | 19E.22 |
| <i>rionegrense</i> Coher, 1959, <i>Echinopodium</i> | 19E.38 |
| <i>riveti</i> (Edwards), 1919 (<i>Megophthalmidia</i>), <i>Tetragoneura</i> | 19E.35 |
| <i>Rondaniella</i> Johannsen, 1909 | 19E.33 |
| <i>rossi</i> Lane, 1962, <i>Austrosynapha</i> | 19E.22 |
| <i>rostrata</i> Edwards, 1940, <i>Neoempheria</i> | 19E.46 |
| <i>rufa</i> (Lane), 1948 (<i>Delopsis</i>), <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.12 |



| | |
|---|--------|
| <i>sinuata</i> Freeman, 1951, <i>Tetragoneura</i> | 19E.35 |
| <i>siusisi</i> Lane, 1954, <i>Epicypta</i> (<i>Callicypta</i>) | 19E.7 |
| <i>smartii</i> Edwards, 1940, <i>Neoempheria</i> | 19E.47 |
| <i>smithii</i> Edwards, 1933, <i>Leia</i> | 19E.30 |
| <i>socia</i> Coher, 1959, <i>Ncoempheria</i> | 19E.47 |
| <i>solita</i> Freeman, 1951, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.12 |
| <i>sororcula</i> (Loew), 1869 (<i>Leia</i>), <i>Rondaniella</i> | 19E.33 |
| <i>souzai</i> Lane, 1960, <i>Austrosynapha</i> | 19E.22 |
| <i>sp.</i> Freeman, 1951, <i>Coelosia</i> | 19E.23 |
| <i>sp.</i> Freeman, 1951, <i>Paraleia</i> | 19E.32 |
| <i>spinata</i> Lane, 1954, <i>Austrosynapha</i> | 19E.22 |
| <i>spinata</i> Edwards, 1932, <i>Tetragoneura</i> | 19E.35 |
| <i>spinifera</i> Edwards, 1933, <i>Leia</i> | 19E.39 |
| <i>spinifera</i> Freeman, 1951, <i>Austrosynapha</i> | 19E.22 |
| <i>spinifera</i> Freeman, 1951, <i>Mycomya</i> | 19E.42 |
| <i>spinigera</i> Freeman, 1951, <i>Trichonta</i> | 19E.20 |
| <i>spinipes</i> Freeman, 1951, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.15 |
| <i>spinosa</i> Edwards, 1940, <i>Neoempheria</i> | 19E.47 |
| <i>spinosa</i> Freeman, 1951, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.12 |
| <i>spinosa</i> Freeman, 1951, <i>Mycomya</i> | 19E.42 |
| <i>spinosum</i> Duret, 1974, <i>Echinopodium</i> | 19E.38 |
| <i>spinulosa</i> Freeman, 1951, <i>Paratrizygia</i> | 19E.51 |
| <i>splendens</i> Lane, 1948, <i>Eudicrana</i> | 19E.50 |
| <i>splendida</i> Lane, 1948, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.16 |
| <i>Staegeria</i> Wulp, 1876 | 19E.50 |
| <i>Stenophragma</i> Skuse, 1888 | 19E.53 |
| <i>stonei</i> Duret, 1974, <i>Echinopodium</i> | 19E.38 |
| <i>stonei</i> Lane, 1958, <i>Leia</i> | 19E.30 |
| <i>stonei</i> Lane, 1952, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.16 |
| <i>striatum</i> Duret, 1974, <i>Echinopodium</i> | 19E.38 |
| <i>stuardoi</i> Duret, 1976, <i>Echinopodium</i> | 19E.38 |
| <i>subbrunnea</i> Freeman, 1951, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.12 |
| <i>subcapitata</i> Freeman, 1954, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.16 |
| <i>subclavata</i> Edwards, 1940, <i>Neoempheria</i> | 19E.47 |
| <i>subcompleta</i> Edwards, 1940, <i>Aphelomera</i> | 19E.49 |
| <i>subepacra</i> Coher, 1959, <i>Mycomya</i> | 19E.42 |
| <i>subfallax</i> Coher, 1959, <i>Neoempheria</i> | 19E.47 |
| <i>subfasciata</i> Freeman, 1951, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.16 |
| <i>subfumosa</i> Freeman, 1954, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.12 |
| <i>subfusca</i> Freeman, 1951, <i>Mycetophila</i> | 19E.18 |
| <i>subfusca</i> Freeman, 1951, <i>Mycomya</i> | 19E.42 |
| <i>subhorrens</i> Coher, 1959, <i>Neoempheria</i> | 19E.47 |
| <i>sublevir</i> Coher, 1959, <i>Neoempheria</i> | 19E.47 |
| <i>submaculipennis</i> Freeman, 1954, <i>Leia</i> | 19E.30 |
| <i>subrecta</i> Freeman, 1954, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.13 |
| <i>subvittata</i> Freeman, 1954, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.13 |
| <i>Synapha</i> Meigen, 1818 | 19E.25 |
| <i>Syntemna</i> , authors | 19E.23 |
| <i>tacanhapesi</i> Lane, 1960, <i>Epicypta</i> (<i>Callicypta</i>) | 19E.7 |
| <i>tacuensis</i> Lane, 1951, <i>Epicypta</i> (<i>Epicypta</i>) | 19E.8 |
| <i>tacuensis</i> Lane, 1952, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.16 |
| <i>talaris</i> Freeman, 1951, <i>Mycetophila</i> | 19E.18 |



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| <i>rufescens</i> Edwards, 1932, <i>Synapha</i> | 19E.26 |
| <i>rufithorax</i> Freeman, 1951, <i>Lcia</i> | 19E.30 |
| <i>Ekymosia</i> , emend. | 19E.4 |
| <i>Rymosia</i> Winnertz, 1863 | 19E.4 |
| | |
| <i>saci</i> Lanc, 1961, <i>Dziedzickia</i> | 19E.25 |
| <i>salobrensis</i> Edwards, 1941, <i>Leia</i> | 19E.29 |
| <i>saltanensis</i> Lane, 1955, <i>Mycetophila</i> (<i>Oromyceta</i>) | 19E.17 |
| <i>samesteri</i> Coher, 1950, <i>Mycomya</i> | 19E.42 |
| <i>sapaici</i> Lanc, 1952, <i>Neuratelia</i> | 19E.51 |
| <i>Sceptonia</i> Winnertz, 1863 | 19E.19 |
| <i>schajovskoi</i> Duret, 1973, <i>Austrosynapha</i> | 19E.22 |
| <i>schildi</i> Lane, 1956, <i>Epicrypta</i> (<i>Epicrypta</i>) | 19E.8 |
| <i>schmidtii</i> Fisher, 1939, <i>Leia</i> | 19E.30 |
| <i>Schnusea</i> Edwards, 1933 | 19E.25 |
| <i>schnusei</i> Edwards, 1933, <i>Lcia</i> | 19E.30 |
| <i>Sciophila</i> , authors | 19E.38 |
| <i>Sciophila</i> Meigen, 1818 | 19E.52 |
| <i>Sciophilinae</i> | 19E.21 |
| <i>Sciophilini</i> | 19E.47 |
| <i>Selkirkiini</i> | 19E.26 |
| <i>Selkirkius</i> Enderlein, 1940 | 19E.32 |
| <i>separata</i> Coher, 1959, <i>Neompheria</i> | 19E.46 |
| <i>sergioi</i> Duret, 1974, <i>Echinopodium</i> | 19E.38 |
| <i>sergioi</i> Duret, 1973, <i>Mycetophila</i> | 19E.18 |
| <i>sessilis</i> Edwards, 1933, <i>Schnusea</i> | 19E.25 |
| <i>setifera</i> Freeman, 1951, <i>Mycomya</i> | 19E.42 |
| <i>setifera</i> Freeman, 1951, <i>Paratrizygia</i> | 19E.51 |
| <i>setigera</i> (Freeman), 1951 (<i>Exechia</i>), <i>Exechiopsis</i> (<i>Xencxechia</i>) | 19E.3 |
| <i>setosicauda</i> Edwards, 1933, <i>Leia</i> | 19E.30 |
| <i>shamanensis</i> Lane, 1952, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.15 |
| <i>shannoni</i> Coher, 1950, <i>Mycomya</i> | 19E.42 |
| <i>shannoni</i> Edwards, 1940, <i>Neompheria</i> | 19E.46 |
| <i>shannoni</i> Lane, 1956, <i>Aphrastomyia</i> | 19E.26 |
| <i>shannoni</i> Lane, 1954, <i>Leiella</i> | 19E.31 |
| <i>shannoni</i> Lane, 1948, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.15 |
| <i>shannoni</i> , Lane, 1956, <i>Parvicellula</i> | 19E.52 |
| <i>shawi</i> Coher, 1950, <i>Mycomya</i> | 19E.42 |
| <i>simile</i> (Freeman), 1951 (<i>Allodia</i>), <i>Brevicornu</i> | 19E.4 |
| <i>similis</i> Freeman, 1951, <i>Eudicrana</i> | 19E.50 |
| <i>similis</i> Freeman, 1951, <i>Procycloneura</i> | 19E.33 |
| <i>similis</i> Freeman, 1951, <i>Tetragoneura</i> | 19E.35 |
| <i>similis</i> Freeman, 1951, <i>Trichonta</i> | 19E.20 |
| <i>simillima</i> Freeman, 1951, <i>Mycomya</i> | 19E.42 |
| <i>simillima</i> Freeman, 1954, <i>Tetragoneura</i> | 19E.35 |
| <i>simpia</i> Coher, 1959, <i>Mycomya</i> | 19E.42 |
| <i>simplex</i> Edwards, 1940, <i>Neompheria</i> | 19E.47 |
| <i>simplex</i> Edwards, 1932, <i>Teragoneura</i> | 19E.35 |
| <i>simplex</i> Freeman, 1951, <i>Mycetophila</i> | 19E.18 |
| <i>simplicipes</i> Freeman, 1951, <i>Tetragoneura</i> | 19E.35 |
| <i>simplicistila</i> Freeman, 1951, <i>Mycetophila</i> | 19E.18 |
| <i>simplicistila</i> Freeman, 1951, <i>Tetragoneura</i> | 19E.35 |
| <i>sinuata</i> Freeman, 1951, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.12 |

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| <i>tantalos</i> Coher, 1959, <i>Mycomya</i> | 19E.42 |
| <i>tantilla</i> (Loew), 1869 (<i>Sciophila</i>), <i>Mycomya</i> | 19E.43 |
| <i>tapicarei</i> Lane, 1952, <i>Monoclona</i> | 19E.51 |
| <i>tapinirai</i> Lane, 1955, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.13 |
| <i>tapuiai</i> Lane, 1958, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.13 |
| <i>tapuiai</i> Lane, 1951, <i>Zygomyia</i> | 19E.21 |
| <i>taunayi</i> (Lane), 1948 (<i>Mycetophila</i>), <i>Epicypta</i> (<i>Callicypta</i>) | 19E.6 |
| <i>taurus</i> Freeman, 1951, <i>Mycomya</i> | 19E.43 |
| <i>Tetragoneura</i> Winnertz, 1846 | 19E.33 |
| <i>Tetragoneurini</i> | 19E.26 |
| <i>tetrphaca</i> Shaw, 1940, <i>Neoempheria</i> | 19E.47 |
| <i>theobaldi</i> Coher, 1959, <i>Mycomya</i> | 19E.43 |
| <i>theresae</i> Edwards, 1932, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.16 |
| <i>thoracica</i> Philippi, 1865, <i>Sciophila</i> | 19E.53 |
| <i>Thoracotropis</i> Freeman, 1951 | 19E.35 |
| <i>tibialis</i> Freeman, 1951, <i>Tetragoneura</i> | 19E.35 |
| <i>tobasi</i> Lane, 1958, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.16 |
| <i>travassosi</i> (Lane), 1948 (<i>Delopsis</i>), <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.13 |
| <i>traverae</i> , emend. | 19E.43 |
| <i>traveri</i> Coher, 1950, <i>Mycomya</i> | 19E.43 |
| <i>triangulifera</i> Freeman, 1951, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.16 |
| <i>Trichonta</i> Winnertz, 1863 | 19E.20 |
| <i>trichops</i> Freeman, 1951, <i>Mycomya</i> | 19E.43 |
| <i>tricinctiventris</i> Enderlein, 1910, <i>Leia</i> | 19E.29 |
| <i>trifasciata</i> Edwards, 1940, <i>Monoclona</i> | 19E.51 |
| <i>trinidadensis</i> Lane, 1960, <i>Epicypta</i> (<i>Callicypta</i>) | 19E.7 |
| <i>triordinata</i> Freeman, 1954, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.13 |
| <i>triseriata</i> Freeman, 1951, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.13 |
| <i>tristis</i> Bigot, 1888, <i>Sciophila</i> | 19E.53 |
| <i>tristis</i> (Lane), 1948 (<i>Delopsis</i>), <i>Epicypta</i> (<i>Bosemyia</i>) | 19E.6 |
| <i>trivittata</i> Freeman, 1951, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.13 |
| <i>Trizygia</i> Skuse, 1888 | 19E.54 |
| <i>tropicalis</i> Fisher, 1939, <i>Leia</i> | 19E.27 |
| <i>truncata</i> Freeman, 1951, <i>Austrosynapha</i> | 19E.22 |
| <i>truncata</i> (Freeman), 1951 (<i>Exechia</i>), <i>Exechiopsis</i> (<i>Xenexochia</i>) | 19E.3 |
| <i>truncatovenosa</i> Enderlein, 1910, <i>Leia</i> | 19E.30 |
| <i>tucumana</i> Lane, 1958, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.13 |
| <i>tucunensis</i> Lane, 1955, <i>Mycetophila</i> (<i>Oromyceta</i>) | 19E.17 |
| <i>tupanensis</i> Lane, 1961, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.13 |
| <i>uacupisi</i> Lane, 1958, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.13 |
| <i>uaianai</i> Lane, 1952, <i>Mycetophila</i> (<i>Mycetophila</i>) | 19E.16 |
| <i>uaicensis</i> Lane, 1955, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.13 |
| <i>uboyasi</i> Lane, 1955, <i>Mycetophila</i> (<i>Abmyceta</i>) | 19E.13 |
| <i>unguiculata</i> Freeman, 1951, <i>Austrosynapha</i> | 19E.23 |
| <i>unicincta</i> Edwards, 1933, <i>Leiella</i> | 19E.31 |
| <i>unicornuta</i> Freeman, 1951, <i>Mycetophila</i> | 19E.18 |
| <i>uniseris</i> Freeman, 1951, <i>Mycetophila</i> | 19E.18 |
| <i>unispinosa</i> Edwards, 1940, <i>Neoempheria</i> | 19E.47 |
| <i>valdiviana</i> (Philippi), 1865 (<i>Sciophila</i>), <i>Mycomya</i> | 19E.43 |
| <i>variabilis</i> Lane, 1954, <i>Dziedzickia</i> | 19E.25 |
| <i>varipennis</i> , <i>lapsus</i> | 19E.47 |



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| varipennis (Lynch Arribáizaga), 1892 (Empheria), Neoempheria | 19E.47 |
| vaurasi Lane, 1958, Mycetophila (Mycetophila) | 19E.16 |
| veligera Freeman, 1951, Mycetophila | 19E.18 |
| verberifera Freeman, 1951, Mycetophila (Abmyceta) | 19E.13 |
| verbifera, lapsus | 19E.13 |
| vernalis Philippi, 1865, Sciophila | 19E.53 |
| villaricaense Duret, 1976, Echinopodium | 19E.38 |
| viridipes Freeman, 1951, Mycetophila | 19E.19 |
| vittata Freeman, 1951, Acnemia | 19E.48 |
| vittata Edwards, 1931, Eudicrana | 19E.50 |
| vitticollis Blanchard, 1852, Mycetophila | 19E.19 |
| vittidorsum (Enderlein), 1910 (Acnemia), Monoclona | 19E.51 |
| vittipennis Freeman, 1951, Mycetophila | 19E.19 |
| vockerothi Duret, 1976, Echinopodium | 19E.38 |
| vogeli Edwards, 1940, Neoempheria | 19E.47 |
| vogeli Edwards, 1932, Tetragoneura | 19E.35 |
| volitans Lynch Arribáizaga, 1892, Mycetophila | 19E.19 |
| | |
| williamsi Lane, 1960, Epicrypta (Boscmyia) | 19E.6 |
| winnertzi Lane, 1948, Mycetophila (Abmyceta) | 19E.13 |
| worontzowi Lane, 1947, Rymosia | 19E.5 |
| wygodzinskyi (Lane), 1947 (Delopsis), Mycetophila (Oromyceta) | 19E.17 |
| | |
| xamasensis Lane, 1955, Mycetophila (Abmceta) | 19E.14 |
| Xenexechia Tuomikoski, 1966 | 19E.3 |
| | |
| yivoffi Duret, 1973, Austrosynapha | 19.23 |
| yurimauesi Lane, 1955, Mycetophila (Abmyceta) | 19E.14 |
| | |
| zeteki Coher, 1959, Neoempheria | 19E.47 |
| zonalis Edwards, 1931, Leiella | 19E.31 |
| Zygomyia Winnertzi, 1863 | 19E.20 |



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DEPARTAMENTO DE ZOOLOGIA, SECRETARIA DA AGRICULTURA, SÃO PAULO

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

21

FAMILY HYPEROSCELIDIDAE
(CORINOSCELIDIDAE)

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This very small family of flies has until fairly recently been included with the Scatopsidae. The family is composed of three species from the northern hemisphere, four species from New Zealand, and four species from the west coast of South America. The larva and pupa of one species from New Zealand have been described, but nothing of the biology of the American species.

Refs. — Hardy & Nagatomi, 1960:263; Tollet, 1959:132; Tonnoir, 1927:291 (larval disc).

Subfamily HYPEROSCELIDINAE

Genus CANTHYLOSCELIS Edwards

CANTHYLOCCELIS Edwards, 1922:267. Type-species, *antennata* Edwards (orig. des.).

Subgenus ARAUCOSCELIS Edwards

Canthyloscelis, subg. ARAUCOSCELIS Edwards, 1930:90. Type-species, *pectinata* Edwards (orig. des.).

PECTINATA Edwards, 1930:90, fig. 4 [the legend reads "*antennata* sp. n. (lapsus); should be corrected to *pectinata* (cf. Edwards, 1934:185)], pl. 9, figs. 1-2. Type-locality: Argentina, Rio Negro, Puerto Blest. Distr. — Chile (Llanquihue), Argentina (Rio Negro).

Subgenus CHILISCELIS Tollet

Canthyloscelis, subg. CHILISCELIS Tollet, 1959:146. Type-species, *valdiviana* Tollet (orig. des.).

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21.1

MUSEU DE ZOOLOGIA - USP

SciELO

- APICATA Edwards, 1934:186. Type-locality: Chile, Comudes. Distr. — Chile.
- PICTIPENNIS Edwards, 1930:92 (*Araucoscelis*). Type-locality: Argentina, Rio Negro, Laguna Frias, on road towards Rosales Pass. Distr. — Argentina (Rio Negro).
- VALDIVIANA Tollet, 1959:147, figs. 1-6. Type-locality: Chile, Valdivia, Shoshuenco. Distr. — Chile (Valdivia, Arauco, Llanquihue, Chiloe I.).

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1930. Bibionidae, Scatopsidae, Ceeidomyiidae, Culicidae, Thaumalidae (Orphnophilidae), Anisopodidae (Rhyphidae), in *Diptera of Patagonia and South Chile* 2(3):77-119, pls. 9-11.
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- 1960. An unusual new Nematocera from Japan (Diptera) and a new family name. *Pacific Insects* 2(3):263-267, figs. 1a-j.

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DEPARTAMENTO DE ZOOLOGIA, SECRETARIA DA AGRICULTURA, SÃO PAULO

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

22

FAMILY SCATOPSIDAE

- EDWIN F. COOK

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This small family of small, usually dark colored flies is very poorly known in the Neotropical region. As is true for this group in the rest of the world, there is scarcely anything known about the biology of species of this family in this great region. Exclusively Neotropical species have no immature stages described. There have been no revisional studies of Neotropical species and many unrecognized species await description.

Subfamily SCATOPSINAE

Tribe SCATOPSINI

Genus SCATOPSE Geoffroy

SCATOPSE Geoffroy, 1762:450. Type-species, *Tipula notata* Linnaeus (I.C.Z.N., 1957:86). Conserved as of 1762 under suspension of the Rules (I.C.Z.N., 1957:86)

Reichertella Enderlein, 1912:268. Type-species, *Scatopse femoralis* Meigen (orig. des.; misident.) = *nigra* Meigen.

Rhaeboza Enderlein, 1936:55. Type-species, *Scatopse fuscipes* Meigen (orig. des.).

Masatierra Enderlein, 1940:666. Type-species, *ferruginea* Enderlein (orig. des.) = *fuscipes* Meigen.

Ref. — Cook, 1957 (rev.).

Paper n.º 6105, Scientific Journal Series, Minnesota Agricultural Experiment Station, St. Paul, Minnesota 55101.

22.1



- COSTARICANA* Duda, 1928:286, text-figs. 17, 18 (male terminalia, wing). Type-locality: Costa Rica, La Sulza de Turrialba. Distr. — Mexico (Vera Cruz, Córdoba), Costa Rica.
- FUSCIPES* Meigen, 1830:314. Type-locality: "Europe". Distr. — Cosmopolitan. Ref. — Cook, 1957:608, figs. 3a, b, d, n, 5d, f, 6b, g (male genitalia, spiracular sclerite, female 7th sternum, female genitalia, male tergum and sternum 7, wing, tergum 8 of male).
- parvula* Blanchard, 1852:359. Type-locality: Chile, Coquimbo.
- peruana* Enderlein, 1912:275, fig. 7 (wing) (*Reichertella*). Type-locality: Peru, Mollendo.
- ferruginea* Enderlein, 1940:666 (*Masatlerra*). Type-locality: Juan Fernandez Is., Masatlerra.
- couthoi* Rabello & Forattini, 1962:303, figs. 1-4 (wing, haltere, male and female genitalia, larva, and pupa) (*Rhexoza*). Type-locality: Brazil, São Paulo, Salesópolis.
- MARITIMA* Duda, 1928:278, text-figs. 9, 10 (leg, part of wing). Type-locality: Mexico, Vera Cruz. Distr. — Mexico (Vera Cruz).
- NOTATA* (Linnaeus), 1758:588 (*Tipula*). Type-locality: "Europe". Distr. — Cosmopolitan. Refs. — Lyall, 1929:630 (larval disc); Cook, 1957:598, figs. 1a, 2g, 3c, 4a, 5c, 6c (male genitalia, male metathoracic tarsi, spiracular sclerite, female genitalia, male 7th tergum and sternum, wing).
- carolina* Blanchard, 1852:359. Type-locality: Chile, Chiloe I., Ancud [= San Carlos]. Ref. — Edwards, 1930:94.
- carbonaria* Philippi, 1865:640. Type-locality: Chile, Santiago, Corral. Ref. — Edwards, 1930:94.
- TUMFERA* Edwards, 1930:95, pl. IX, figs. 6, 8 (wing, male genitalia). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile (Llanquihue).

Genus *COLOBOSTEMA* Enderlein

- COLOBOSTEMA* Enderlein, 1926:140. Type-species, *oldenbergi* Enderlein (orig. des.) = *tristis* (Zetterstedt).
- Ref. — Cook, 1956 (rev.).

- ROTUNDUM* Cook, 1956:332, figs. 1f, 2e (male genitalia, male 7th tergum and sternum). Type-locality: Panama, Tocumen. Distr. — Panama, Costa Rica (San Mateo).

Genus *HOLOPLAGIA* Enderlein

- HOLOPLAGIA* Enderlein, 1912:267. Type-species, *Scatopse transversalis* Loew (orig. des.).
- BRUNI* Speiser, 1921:82. Type-locality: Brazil, Santa Catarina, Blumenau. Distr. — Brazil (Santa Catarina).
- GUAMENSIS* (Johannsen), 1946:187, figs. 1a-e [wing (the wing figured is that of *Scatopse fuscipes* and not that of *H. guamensis*), male genitalia, female genitalia] (*Scatopse*). Type-locality: "Guam". Distr. — Hawaii, Truk, Ghana, Accra; Panama (Canal Zone, Colón, Summit). Ref. — Cook, 1957:610, figs. 7c, e, j, k (male and female genitalia, male 7th tergum, wing).

Tribe RHEGMOCLEMATINI

Genus RHEGMOCLEMA Enderlein

- RHEGMOCLEMA Enderlein, 1912:276. Type-species, *rufithorax* Enderlein (orig. des.).
- Aldrovandiella* Enderlein, 1912:278. Type-species, *Scatopse halterata* Meigen (orig. des.).
Ref. — Cook, 1955 (rev.).
- BLANTONI Cook, 1955:363, pl. IV, i, j, k (male tergum and sternum 7, male genitalia, wing). Type-locality: Panama, Bocas del Toro Prov., Almirante. Distr. — Panama (Bocas del Toro).
- CAUDATUM (Duda), 1928:289, text-fig. 20 (male terminalia), pl. IV, fig. 5 (wing) (*Aldrovandiella*). Type-locality: Costa Rica, La Suiza de Turrialba. Distr. — Costa Rica (La Suiza de Turrialba).
- SETIFERA (Edwards), 1930:95, pl. IX, figs. 3, 4 (wing, male genitalia) (*Scatopse*). Type-locality: Argentina, Rio Negro, L. Correntoso. Distr. — Argentina (Rio Negro).

Genus RHEGMOCLEMINA Enderlein

- RHEGMOCLEMINA Enderlein, 1936:55. Type-species, *Scatopse vaginata* Lundström (orig. des.).
Ref. — Cook, 1955 (rev.).

Subgenus RHEGMOCLEMINA Enderlein

- CLAVICRUS (Duda), 1928:282, pl. IV, fig. 4 (wing) (*Scatopse*). Type-locality: Costa Rica, La Suiza de Turrialba. Distr. — Costa Rica (La Suiza de Turrialba). Ref. — Cook, 1955:358, pl. Ie, IIe (male genitalia, male tergum and sternum 7).
- DIABOLICA (Duda), 1928:285, text-figs. 15, 16 (male terminalia, wing) (*Scatopse*). Type-locality: Mexico, Huizquilcan. Distr. — Mexico (Huizquilcan, Chapingo).

Subgenus NEORHEGMOCLEMINA Cook

- Rhegmoclemina*, subg. NEORHEGMOCLEMINA Cook, 1955:358. Type-species, *pavum* Cook (orig. des.).
- ABRUPTINERVIS (Duda), 1928:279, pl. IV, fig. 2 (wing) (*Scatopse*). Type-locality: Costa Rica, La Suiza de Turrialba. Distr. — Costa Rica, Panama. Ref. — Cook, 1955:360, pls. Id, IIh (male genitalia, male tergum and sternum 7).
- ASYMMETRICUM Cook, 1955:360, pls. Ig, IIh, IIIe (male genitalia, male tergum and sternum 7, wing). Type-locality: Jamaica, Ocho Rios. Distr. — Jamaica (Ocho Rios).
- CONSTRUCTA (Edwards), 1930:96, pl. IX, figs. 5, 7 (male genitalia, wing) (*Scatopse*). Type-locality: Chile, Llanquihue, Peulla. Distr. — Chile (Llanquihue: Peulla, Casa Pangue).
- TRICHIONEURA (Duda), 1928:288, text-fig. 19 (wing) (*Scatopse*). Type-locality: Costa Rica, La Suiza de Turrialba. Distr. — Costa Rica (La Suiza de Turrialba).

?WILLISTONI (McAtee), 1921:124 (*Scatopse*; nom. nov. for *pygmaea* Williston). Type-locality: British West Indies, St. Vincent. Distr. — British West Indies (St. Vincent).

pygmaea Williston, 1896:269 (*Scatopse*; prcocc. Loew, 1864). Type-locality: British West Indies, St. Vincent.

Tribe SWAMMERDAMELLINI

Genus SWAMMERDAMELLA Enderlein

SWAMMERDAMELLA Enderlein, 1912:277. Type-species, *Scatopse brevicornis* Meigen (orig. des.).

Ref. — Cook, 1956 (rev.).

APPROXIMATA Edwards, 1924:571. Type-locality: Trinidad, St. Augustine. Distr. — Trinidad (St. Augustine).

MARGINATA Cook, 1956:24, figs. 1d, 2d, 3g, 4e, 5h (male genitalia, male 7th segment, wing, male 6th segment, female genitalia). Type-locality: U.S.A., New Mexico, Las Vegas. Distr. — U.S.A. (New Mexico, Nevada, California), Mexico (Guadalajara).

MOJINGAE Cook, 1956:29, figs. 5j, k (male 7th segment, male genitalia). Type-locality: Panama, Canal Zone, Mojinga Swamp, Fort Sherman. Distr. — Panama (Canal Zone).

Genus RHEXOZA Enderlein

RHEXOZA Enderlein, 1936:55. Type-species, *zacheri* Enderlein (orig. des.) = *subnitens* (Verrall).

Ref. — Cook, 1956 (rev.).

AURICULARIS (Duda), 1928:283, text-figs. 12, 13, 14 (wing, male genitalia) (*Scatopse*). Type-locality: Mexico, Chapultepec. Distr. — Mexico (Chapultepec).

DAMPFI (Duda), 1928:280, text-fig. 11, pl. IV, fig. 3 (male genitalia, wing) (*Scatopse*). Type-locality: Mexico, Popotea. Distr. — U.S.A. (Texas), Mexico. Ref. — Cook, 1956:10, figs. 5b, c, e (male genitalia, male 7th and 8th terga and sterna, female genitalia).

LOBATA Cook, 1956:8, figs. 1g, 2f (male genitalia, male segment 7). Type-locality: Mexico, Córdoba, Vera Cruz. Distr. — Mexico (Córdoba, Vera Cruz).

PANAMENSIS Cook, 1956:8, figs. 1c, 2c, 3c (male genitalia, male segment 7, female genitalia). Type-locality: Panama, Canal Zone, Ancon. Distr. — Panama (Canal Zone).

Subfamily PSECTROSCIARINAE

Genus PSECTROSCIARA Kieffer

PSECTROSCIARA Kieffer in Enderlein, 1911:192 (also Kieffer, 1912:192). Type-species, *mahensis* Kieffer (orig. des.) = *brunnipes* (Brunetti).

Ref. — Cook, 1958 (rev.).



- CALIFORNICA (Cole), 1912:150, fig. 85 (adult) (*Scatopse*). Type-locality: U.S.A., California, Laguna Beach. Distr. — U.S.A. (Arizona, California), Mexico (Córdoba). Ref. — Cook, 1958:593, figs. 1f, g, 3a, b, c, 5a (meso- and metathoracic 1st tarsi, male genitalia, female genitalia).
- mexicana* Duda, 1928:294, pl., fig. 25 [male genitalia (misidentified as female genitalia) (as *scatopsiformis* subsp.)]. Type-locality: Mexico, Chapingo. Ref. — Cook, 1958:593.
- JAMAICENSIS Cook, 1958:595, figs. 4g, h (female genitalia, spermatheca). Type-locality: Jamaica, Ocho Rios. Distr. — Jamaica (Ocho Rios).
- ROSSI Cook, 1958:595, figs. 3d, e (male genitalia). Type-locality: Chile, Coquimbo, Laguna Dam. Distr. — Chile (Coquimbo).
- SCATOPSIFORMIS Enderlein, 1912:281, fig. 14 (wing). Type-locality: "Costa Rica". Distr. — Costa Rica (La Suiza de Turrialba, La Caja, San José), Panama (Espino, Garachine, Tocumen, Chorrera, Pt. Mensabe, Los Santos Prov.). Ref. — Cook, 1958:593, figs. 2b, c, 5c, f, g (male genitalia, female genitalia, spermatheca, thorax).
- SERRATA Cook, 1958:594, figs. 5b, d (spermatheca, female genitalia). Type-locality: U.S.A., Texas, Los Fresnos. Distr. — U.S.A. (Texas), Mexico.

Genus ANAPAUSIS Enderlein

- ANAPAUSIS Enderlein, 1912:278. Type-species, *Scatopse soluta* Loew (orig. des.).
- Ref. — Cook, 1965 (rev.).

- FUSCINERVIS (Edwards), 1930:97, pl. X, figs. 11, 12 (male genitalia, wing) (*Psectrosciara*). Type-locality: Chile, Llanquihue, Casa Pangue. Ref. — Cook, 1965:16, figs. 42, 43, 45 (male terminalia, wing).

Subfamily ECTAETIINAE

Genus ECTAETIA Enderlein

- ECTAETIA Enderlein, 1912:279. Type-species, *Scatopse clavipes* Loew (orig. des.).
- CORNUTA Edwards, 1930:98, pl. X, figs. 9, 10 (wing, male genitalia). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. — Chile (Llanquihue).
- LASIOPA Duda, 1928:294. Type-locality: Costa Rica, La Suiza de Turrialba. Distr. — Costa Rica (La Suiza de Turrialba).

UNRECOGNIZED AND UNPLACED SPECIES

- FULVITARSIS Macquart of Lynch Arribálzaga, 1878:298 (*Scatopse*). Locality: Argentina, Buenos Aires, Baradero. Inadequately described for recognition.
- HYALINATA Philippi, 1865:640 (*Scatopse*). Type-locality: "Chile". Unrecognizable.
- PALLIDIPES Lynch Arribálzaga, 1878:298 (*Scatopse*). Type-locality: Argentina, Buenos Aires, Baradero. Unrecognizable.
- TRANSATLANTICA Philippi, 1865:640 (*Scatopse*). Type-locality: Chile, Santiago. Unrecognizable — may be an *Ectaetia*.



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INDEX

| | |
|--|------|
| abruptinervis (Duda), 1928 (Scatopse), Rhegmoclemina | 22.3 |
| <i>Aldrovandiella</i> Enderlein, 1912 | 22.3 |
| Anapausis Enderlein, 1912 | 22.5 |
| approximata Edwards, 1924, Swammerdamella | 22.4 |
| asymmetricum Cook, 1955, Rhegmoclemina | 22.3 |
| auricularis (Duda), 1928 (Scatopse), Rhexoza | 22.4 |
| blantoni Cook, 1955, Rhegmoclema | 22.3 |
| brauni Speiser, 1921, Holoplagia | 22.2 |
| californica (Cole), 1912 (Scatopse), Psectrosciara | 22.5 |
| <i>carbonaria</i> Philippi, 1865, Scatopse | 22.2 |
| <i>carolina</i> Blanchard, 1852, Scatopse | 22.2 |
| caudatum (Duda), 1928 (Aldrovandiella), Rhegmoclema | 22.3 |
| clavicus (Duda), 1928 (Scatopse), Rhegmoclemina | 22.3 |
| Colobostema Enderlein, 1926 | 22.2 |
| constricta (Edwards), 1930 (Scatopse), Rhegmoclemina | 22.3 |
| cornuta Edwards, 1930, Ectactia | 22.5 |
| costaricana Duda, 1928, Scatopse | 22.2 |
| <i>couthoi</i> (Rabello & Forattini), 1962 (Rhexoza), Scatopse | 22.2 |
| dampfi (Duda), 1928 (Scatopse), Rhexoza | 22.4 |
| diabolica (Duda), 1928 (Scatopse), Rhegmoclemina | 22.3 |
| Ectactia Enderlein, 1912 | 22.5 |
| Ectactiinae | 22.5 |
| <i>ferruginea</i> (Enderlein), 1940 (Masatierra), Scatopse | 22.2 |
| fulvitaris Macquart of Lynch Arribálzaga, 1878, Scatopse | 22.5 |
| fuscinervis (Edwards), 1930 (Psectrosciara), Anapausis | 22.5 |
| fuscipes Meigen, 1830, Scatopse | 22.2 |
| guamensis (Johannsen), 1946 (Scatopse), Holoplagia | 22.2 |
| Holoplagia Enderlein, 1912 | 22.2 |
| hyalinata Philippi, 1865, Scatopse | 22.5 |



| | |
|--|------|
| <i>jamaicensis</i> Cook, 1958, <i>Psectrosclara</i> | 22.5 |
| <i>lasiopa</i> Duda, 1928, <i>Ectactia</i> | 22.5 |
| <i>lobata</i> Cook, 1956, <i>Rhexoza</i> | 22.4 |
| <i>marginata</i> Cook, 1956, <i>Swammerdamella</i> | 22.4 |
| <i>maritima</i> Duda, 1928, <i>Scatopse</i> | 22.2 |
| <i>Masatierra</i> Enderlein, 1940 | 22.1 |
| <i>mexicana</i> Duda, 1928, <i>Psectrosclara</i> | 22.5 |
| <i>mojingae</i> Cook, 1956, <i>Swammerdamella</i> | 22.4 |
| <i>Neorhegmoclemina</i> Cook, 1955 | 22.3 |
| <i>notata</i> (Linnaeus), 1758 (<i>Tipula</i>), <i>Scatopse</i> | 22.2 |
| <i>pallidipes</i> Lynch Arribálzaga, 1878, <i>Scatopse</i> | 22.5 |
| <i>panamensis</i> Cook, 1956, <i>Rhexoza</i> | 22.4 |
| <i>parvula</i> Blanchard, 1852, <i>Scatopse</i> | 22.2 |
| <i>peruana</i> (Enderlein), 1912 (<i>Reichertella</i>), <i>Scatopse</i> | 22.2 |
| <i>Psectrosclara</i> Kieffer, 1911 | 22.4 |
| <i>Psectrosclarinae</i> | 22.4 |
| <i>pygmaea</i> (Williston), 1896 (<i>Scatopse</i>), <i>Rhegmoclemina</i> | 22.4 |
| <i>Reichertella</i> Enderlein, 1912 | 22.1 |
| <i>Rhaeboza</i> Enderlein, 1936 | 22.1 |
| <i>Rhegmoclema</i> Enderlein, 1912 | 22.3 |
| <i>Rhegmoclematini</i> | 22.3 |
| <i>Rhegmoclemina</i> Enderlein, 1936 | 22.3 |
| <i>Rhexoza</i> Enderlein, 1936 | 22.4 |
| <i>rossi</i> Cook, 1958, <i>Psectrosclara</i> | 22.5 |
| <i>rotundum</i> Cook, 1956, <i>Colobostema</i> | 22.2 |
| <i>Scatopse</i> Geoffroy, 1762 | 22.1 |
| <i>scatopsiformis</i> Enderlein, 1912, <i>Psectrosclara</i> | 22.5 |
| <i>Scatopsinae</i> | 22.1 |
| <i>Scatopsini</i> | 22.1 |
| <i>serrata</i> Cook, 1958, <i>Psectrosclara</i> | 22.5 |
| <i>setifera</i> (Edwards), 1930 (<i>Scatopse</i>), <i>Rhegmoclema</i> | 22.3 |
| <i>Swammerdamella</i> Enderlein, 1912 | 22.4 |
| <i>Swammerdamellini</i> | 22.4 |
| <i>transatlantica</i> Philippi, 1865, <i>Scatopse</i> | 22.5 |
| <i>trichioneura</i> (Duda), 1928 (<i>Scatopse</i>), <i>Rhegmoclemina</i> | 22.3 |
| <i>tubifera</i> Edwards, 1930, <i>Scatopse</i> | 22.2 |
| ? <i>willistoni</i> (McAtee), 1921 (<i>Scatopse</i>), <i>Rhegmoclemina</i> | 22.4 |





SciELO

DEPARTAMENTO DE ZOOLOGIA, SECRETARIA DA AGRICULTURA, SÃO PAULO

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

23

FAMILY CECIDOMYIIDAE

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As with most families of Diptera in the Neotropics, much work remains to be done with the Cecidomyiidae. Only 360 species are known, belonging to 129 genera in three subfamilies. Of these subfamilies, the two smaller ones, the Lestremiinae and the Porricondylinae, are especially poorly known. The larvae of these groups live in decaying organic material. The larvae of most species of the large subfamily Cecidomyiinae are found in living plants where the majority cause conspicuous deformities. The larvae of a few genera are predaceous on Acarina or Insecta, or are mycophagous.

Fortunately, most of the species have been reared from known hosts. Besides providing additional biological data, knowledge of the host permits easy acquisition of more specimens of a given species, and allows one to associate sexes and adult and immature forms. In many cases, the immature forms show the best characters for separation of taxa.

General references for the Cecidomyiidae are: Pritchard (1947, 1948 and 1951) for the Lestremiinae, Panelius (1965) and Wyatt (1967) for the Porricondylinae, and Harris (1966b) and Möhn (1961b) for the Cecidomyiidi and Asphondyliidi, respectively.

I have included the known host data for each species and a separate host index. The plant host names were checked in Index Kewensis for spelling and current placement. Any names not found therein are placed in quotation marks. Animal host names were checked for accuracy by specialists of the Insect Identification and Parasite Introduction Research Branch of the U. S. Department of Agriculture.

Thanks are due my wife, Sarah, for help in cataloguing and proof-reading the manuscript.

Subfamily LESTREMIINAE

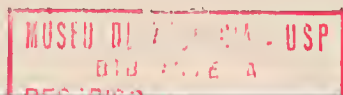
Tribe LESTREMIINI

Genus ANARETE Haliday

ANARETE Haliday, 1833:156. Type-species, *candidata* Haliday (mon.).

Microcerata Felt, 1908b:309. Type-species, *Micromya corni* Felt (orig. des.).

23.1



BUSCKI (Felt), 1915c:198 (*Microcerata*). Type-locality: Cuba, Baracoa.
Distr. — U.S.A., Cuba, Puerto Rico. Ref. — Pritchard, 1951:261.

Genus LESTREMIA Macquart

LESTREMIA Macquart, 1826:173 (separate, 1826:115). Type-species, *cinerea* Macquart (mon.).

CINEREA Macquart, 1826:173, pl. 4, fig. 3. Type-locality: northern France.
Distr. — North America, Chile, Europe. Ref. — Pritchard, 1951:244.

fusca Meigen, 1830:309. Type-locality: Europe.

NIGRA Blanchard, 1852:349. Type-locality: Chile, Chiloe, Carelmapu and Chiloe. Distr. — Chile.

Tribe MICROMYINI

Genus CORINTHOMYIA Felt

CORINTHOMYIA Felt, 1911h:35. Type-species, *Campylomyza hirsuta* Felt (orig. des.) = *brevicornis* (Felt).

BREVICORNIS (Felt), 1907:1 (*Campylomyza*). Type-locality: U.S.A., New York, Nassau. Distr. — Canada, U.S.A., Chile, Europe. Ref. — Pritchard, 1947:39.

Genus MICROMYA Rondani

MICROMYA Rondani, 1840:23. Type-species, *lucorum* Rondani (mon.).

Micromyia, emend.

Ceratomyia Felt, 1911h:33. Type-species, *johannseni* Felt (orig. des.).

JOHANNSENI (Felt), 1911h:33 (*Ceratomyia*). Type-locality: Mexico, Jalisco, Ocotlán. Distr. — U.S.A. (Minn.), Mexico, Costa Rica (unpub.).
Ref. — Pritchard, 1947:61.

Genus PSADARIA Enderlein

PSADARIA Enderlein, 1940:668. Type-species, *pallida* Enderlein (orig. des.).

PALLIDA Enderlein, 1940:669, figs. 36-39. Type-locality: Juan Fernandez Is., Masafuera. Distr. — Juan Fernandez Is.

Genus TRICHOPTEROMYIA Williston

TRICHOPTEROMYIA Williston, 1896:255. Type-species, *modesta* Williston (mon.).

MODESTA Williston, 1896:255, pl. 8, figs. 6, 6a, 6b. Type-locality: St. Vincent. Distr. — U.S.A., Dominica (unpub.), St. Vincent, Mexico (unpub.), England. Ref. — Pritchard, 1947:59.



Subfamily PORRICONDYLINAE

Tribe ASYNAPTINI

Genus ASYNAPTA Loew

Cecidomyia, subg. ASYNAPTA Loew, 1850:21, 39. Type-species, *longicollis* Loew (Karsch, 1877:14). The three species listed below are cambium miners under the bark of citrus, cotton, and mango, respectively.

CITRINAE Felt, 1932:117. Type-locality: Puerto Rico, Isabela. Distr. — Puerto Rico.

GOSSYPI (Coquillett), 1905:200 (*Porricondyla*). Type-locality: Barbados. Distr. — Montserrat, Barbados. N. COMB.

MANGIFERAE Felt, 1909:299. Type-locality: Barbados. Distr. — Barbados.

Genus CAMPTOMYIA Kieffer

CAMPTOMYIA Kieffer, 1894a:86 (also 1894b:323). Type-species, *erythromma* Kieffer (orig. des., as gen. n., sp. n.).

PARRISHI (Felt), 1915a:152 (*Porricondyla*). Type-locality: Guyana, Bartica. Distr. — Guyana. N. COMB.

Tribe HETEROPEZINI

Genus MIASTOR Meinert

MIASTOR Meinert, 1864:42. Type-species, *metroloas* Meinert (mon.).

Unnamed sp., Williston, 1896:254, pl. 8, figs. 4, 4a. Distr. — St. Vincent. Probably not *Miastor*.

Tribe PORRICONDYLINI

Genus HOLONEURUS Kieffer

Holoneura Kieffer, 1894a:84 (preocc. Tetens, 1891). Type-species, *cincta* Kieffer (Kieffer, 1894b:316).

HOLONEURUS Kieffer, 1895a:115 (nom. nov. for *Holoneura* Kieffer). Type-species, *Holoneura cincta* Kieffer (aut.).

OCCIDENTALIS Felt, 1911i:190. Type-locality: Panama, Canal Zone, Paraisé. Distr. — Panama.

Tribe WINNERTZIINI

Genus WINNERTZIA Rondani

Asinapta, subg. WINNERTZIA Rondani, 1860:290. Type-species, *Cecidomyia lugubris* Winnertz (orig. des.).

Unnamed sp., Williston, 1896:254, pl. 8, fig. 3. Distr. — St. Vincent.

UNPLACED GENERA OF PORRICONDYLINEAE

Genus FELTOMYINA Alexander

Feltomyia Alexander, 1936:12 (preocc. Kieffer, 1913a). Type-species, *polymera* Alexander (orig. des.).

FELTOMYINA Alexander, 1937:60 (nom. nov. for *Feltomyia* Alexander). Type-species, *Feltomyia polymera* Alexander (aut.).

POLYMER (Alexander), 1936:14 (*Feltomyia*). Type-locality: Panama, Chiriquí, Potrerillos. Distr. — Panama.

Genus JOHNSONOMYIA Felt

JOHNSONOMYIA Felt, 1908b:417. Type-species, *rubra* Felt (orig. des.).

PAZILIENSIS Felt, 1915a:153. Type-locality: Brazil, Pará, Igarapé-Açu. Distr. — Brazil.

CINCTA Felt, 1912c:103. Type-locality: Guatemala, Polochic R. Distr. — Guatemala.

Subfamily CECIDOMYIINAE

Supertribe OLIGOTROPHIDI

Genus ANGEIOMYIA Kieffer & Herbst

ANGEIOMYIA Kieffer & Herbst, 1909:124. Type-species, *spinulosa* Kieffer & Herbst (orig. des., as gen. n., sp. n.).

SPINULOSA Kieffer & Herbst, 1909:124, fig. 5. Type-locality: Chile. Host — *Hydrangea scandens* Poepp (Saxifragaceae). Distr. — Chile.

Genus AUSTROLAUTHIA Brèthes

AUSTROLAUTHIA Brèthes, 1914:153. Type-species, *spagazzini* Brèthes (orig. des.).

SPAGAZZINI Brèthes, 1914:153, fig. 3. Type-locality: Argentina, Buenos Aires, Buenos Aires. Host — *Euphorbia serpens* H. B. & K. (Euphorbiaceae). Distr. — Argentina.

Genus CALMONIA Tavares

CALMONIA Tavares, 1917b:173. Type-species, *urostigmatis* Tavares (orig. des.).

UROSTIGMATIS Tavares, 1917b:174, pl. 10, figs. 10-11; pl. 11, fig. 9. Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Host — *Urostigma* sp. (Moraceae). Distr. — Brazil.

Genus CALOPEDILA Kieffer

CALOPEDILA Kieffer, 1913b:49. Type-species, *Rhopalomyia herbsti* Kieffer (orig. des.).



HERBSTI (Kieffer), 1903:226 (*Rhopalomyia*). Type-locality: Chile, Concepción, vic. Concepción. Host — *Baccharis bogotensis* H. B. & K., and *B. rosmarinifolia* Hook. & Arn. (Compositae). Distr. — Chile.

Genus DASINEURA Rondani

DASINEURA Rondani, 1840:17. Type-species, *obscura* Rondani (Rondani, 1856:200).

Dasyneura Agassiz & Loew, 1846:11, emend. (preocc. Saunders, 1842).

Perrisia Rondani, 1846:371. Type-species, *Cecidomyia urticae* Perris (orig. des.).

BRAZILIENSIS (Tavares), 1922:12 (*Perrisia*). Type-locality: Brazil. Host — *Protium heptaphyllum* March (Burseraceae). Distr. — Brazil. N. comb.

CHILENSIS (Kieffer & Herbst), 1909:121, fig. 3 (*Perrisia*). Type-locality: Chile, Concepción, Concepción. Host — *Baccharis rosmarinifolia* Hook. & Arn. (Compositae). Distr. — Chile. N. comb.

EUGENIAE Felt, 1912c:106. Type-locality: U.S.A., Florida, Key West. Host — *Eugenia buxifolia* Phil. (Myrtaceae). Distr. — U.S.A. (Florida), Puerto Rico.

GARDOQUIAE Kieffer & Herbst, 1905:65. Type-locality: Chile, Concepción, Concepción. Host — *Gardoquia gilliesi* R. Grah. (Labiatae). Distr. — Chile. Ref. — Kieffer & Herbst, 1906:224, fig. 1; pl. 1, figs. 1-2.

GRACILICORNIS (Kieffer & Herbst), 1905:64 (*Perrisia*). Type-locality: Chile, Concepción, vic. Concepción. Host — undet. shrub. Distr. — Chile. Ref. — Kieffer & Herbst, 1906:225, fig. 2. N. comb.

SUBINERMIS (Kieffer & Herbst), 1911:696 (*Perrisia*). Type-locality: Chile, Valparaíso, Valparaíso. Host — *Baccharis rosmarinifolia* Hook. & Arn. (Compositae). Distr. — Chile. N. comb.

Unnamed spp.: Kieffer & Herbst, 1906:228, figs. 3-4; host, "*Baldoa fragrans* Gay"; distr., Chile, Concepción, Concepción, and Kieffer & Herbst. 1911:697; host, *Baccharis rosmarinifolia* Hook. & Arn. (Compositae); distr., Chile, Valparaíso, Valparaíso.

Genus GUAREPHILA Tavares

GUAREPHILA Tavares, 1909:18. Type-species, *albida* Tavares (mon.).

ALBIDA Tavares, 1909:18, pl. 2, figs. 7-10; pl. 6, fig. 5. Type-locality: Brazil, Rio Grande do Sul, vic. São Leopoldo. Host — *Guarea trichilloides* L. (Meliaceae). Distr. — Brazil.

Genus MISOPATHA Kieffer

MISOPATHA Kieffer, 1913b:48. Type-species, *Rhopalomyia globifex* Kieffer & Jörgensen (orig. des.).

GLOBIFEX (Kieffer & Jörgensen), 1910:364, figs. 2, 2a (*Rhopalomyia*). Type-localities: Argentina, Mendoza, near Chacras de Coria (11 km s. Mendoza), Pedregal (15 km e. Mendoza), Potrerillos and San Ignacio; San Juan, near Cancete (n. Mendoza). Host — *Baccharis salicifolia* Pers. (Compositae). Distr. — Argentina.

- OREPLANA** (Kieffer & Jörgensen), 1910:441 (*Rhopalomyia*). Type-locality: Argentina, Mendoza, Blanco Encallada. Host — *Verbena seriphioides* Gill. & Hook. (Verbenaceae). Distr. — Argentina.
- PROSOPIDIS** (Kieffer & Jörgensen), 1910:427, fig. 51 (*Rhopalomyia*). Type-locality: Argentina, Mendoza, near Chacras de Coria (11 km s. Mendoza) and La Paz, and San Luis, nr. Alto Pencoso. Host — *Prosopis alpataco* Phil. (Leguminosae). Distr. — Argentina.
- TRICYCLAE** (Kieffer & Jörgensen), 1910:440, fig. 61 (*Rhopalomyia*). Type-locality: Argentina, Mendoza, near Blanco Encallada and San Ignacio. Host — *Tricycla spinosa* Cav. (Nyctaginaceae). Distr. — Argentina.
- VERBENAE** (Kieffer & Jörgensen), 1910:441 (*Rhopalomyia*). Type-locality: Argentina, Mendoza, Cordillera Mendoza. Host — *Verbena aspera* Gill. & Hook. (Verbenaceae). Distr. — Argentina.

Genus OLIGOTROPHUS Latreille

- OLIGOTROPHUS** Latreille, 1805:288. Type-species, *Tipula juniperina* Linnaeus (mon.).
- EUGENIAE** Kieffer & Herbst, 1909:125, fig. 6. Type-locality: Chile, Concepción, Concepción. Host — *Myrceugenia stenophylla* Berg (Myrtaceae). Distr. — Chile.
- LYCHCOLA** Kieffer & Jörgensen, 1910:409. Type-locality: Argentina, Mendoza, "Cordillera de Mendoza". Host — *Lycium chilense* Bert. (Solanaceae). Distr. — Argentina.
- NECTANDRAE** Kieffer & Jörgensen, 1910:442. Type-locality: Paraguay. Host — *Nectandra megapota* Mez (Lauraceae). Distr. — Paraguay.

Genus HAPLUSIA Karsch

- HAPLUSIA** Karsch, 1877:15, 16. Type-species, *plumipes* Karsch (orig. des.).
- PLUMIPES** Karsch, 1877:16, fig. 1. Type-locality: Brazil, Bahia. Host — unknown. Distr. — Brazil.
- Unnamed sp., Williston, 1896:254, pl. 8, fig. 5; host unknown; distr., St. Vincent.

Genus HAPLOPALPUS Rübsaamen

- HAPLOPALPUS** Rübsaamen, 1916a:471. Type-species, *serjaneae* Rübsaamen (mon.).
- SERJANAE** Rübsaamen, 1916a:473, figs. 49-53. Type-locality: Peru, Madre de Dios, Auristella on Rio Acre. Host — *Serjanea* sp. (Sapindaceae): Distr. — Peru.

Genus JANETIELLA Kieffer

- JANETIELLA** Kieffer, 1898:23. Type-species, *Cecidomyia thymi* Kieffer (Coquillett, 1910:556).



ACUTICAUDA Kieffer & Herbst, 1906:227. Type-locality: Chile, Concepción, vic. Concepción. Host — undet. shrub. Distr. — Chile. Ref. — Kieffer & Herbst, 1905:64.

MONTIVAGA Kieffer & Jörgensen, 1910:27, fig. 56. Type-locality: Argentina, Mendoza, "Cordillera de Mendoza". Host — *Senecio mendocinus* Phil. (Compositae). Distr. — Argentina.

SCHWARZI (Felt), 1911i:191 (*Lasiapteryx*). Type-locality: Panama, Canal Zone, Paraiso. Host — dead *Ficus* sp. (Moraceae). Distr. — Panama. N. COMB.

Genus LYCIOMYIA Kieffer & Jörgensen

LYCIOMYIA Kieffer & Jörgensen, 1910:412. Type-species, *gracilis* Kieffer & Jörgensen (mon.).

GRACILIS Kieffer & Jörgensen, 1910:412, fig. 40. Type-locality: Argentina. Host — *Lycium gracile* Meyen (Solanaceae). Distr. — Argentina.

Genus PANTELIOLOA Kieffer

PANTELIOLOA Kieffer, 1913b:49. Type-species, *Rhopalomyia haasi* Kieffer (orig. des.).

BEDEGUARIS (Kieffer & Jörgensen), 1910:403, fig. 32 (*Rhopalomyia*). Type-locality: Argentina, Mendoza, "Cordillera de Mendoza". Host — *Lycium chilense* Bert. (Solanaceae). Distr. — Argentina.

LIPPIAE (Kieffer & Jörgensen), 1910:401, fig. 31 (*Rhopalomyia*). Type-locality: Argentina, Mendoza, "Cordillera de Mendoza". Host — *Lippia foliosa* Phil. (Verbenaceae). Distr. — Argentina.

Genus PERNETTYELLA Kieffer & Herbst

PERNETTYELLA Kieffer & Herbst, 1909:126. Type-species, *longicornis* Kieffer & Herbst (orig. des., as gen. n., sp. n.).

LONGICORNIS Kieffer & Herbst, 1909:126, fig. 7. Type-locality: Chile, Concepción, Concepción. Host — *Pernettya furens* Klotzsch. (Ericaceae). Distr. — Chile.

Genus PHAENOLAUTHIA Kieffer

PHAENOLAUTHIA Kieffer, 1912a:2. Type-species, *Ledomyia obscuripennis* Kieffer (orig. des.).

Lasiapteryx Felt, nec Stephens.

MANIHOT (Felt), 1912e:144 (*Lasiapteryx*). Type-locality: St. Vincent. Host — *Manihot utilissima* Pohl (Euphorbiaceae). Distr. — St. Vincent. N. COMB.

Genus PROMIKIOLA Kieffer & Herbst

PROMIKIOLA Kieffer & Herbst, 1911:700. Type-species, *rubra* Kieffer & Herbst (orig. des., as gen. n., sp. n.).

EUBRA Kieffer & Herbst, 1911:700, fig. 5. Type-locality: Chile, Valparaíso, Valparaíso. Host — *Colliguaya odorifera* Mohina (Euphorbiaceae). Distr. — Chile.

Genus PSEUDOMIKIOLA Brèthes

PSEUDOMIKIOLA Brèthes, 1917b:411. Type-species, *lippiæ* Brèthes (orig. des.).

LIPPIÆ Brèthes, 1917b:413, figs. 1-6. Type-locality: Argentina, Entre Rios, Concepción del Uruguay. Host — *Lippia* sp. (Verbenaceae). Distr. — Argentina.

Genus RIVERAELLA Kieffer & Herbst

RIVERAELLA Kieffer & Herbst, 1911:698. Type-species, *colliguayæ* Kieffer & Herbst (orig. des., as gen. n., sp. n.).

COLLIGUAYÆ Kieffer & Herbst, 1911:698, figs. 3, 4. Type-locality: Chile, Valparaíso, Valparaíso. Host — *Colliguaya odorifera* Mohina (Euphorbiaceae). Distr. — Chile.

Unnamed sp. Kieffer & Herbst, 1911:701. Host — *Colliguaya odorifera* Mohina (Euphorbiaceae). Distr. — Chile, Valparaíso, Valparaíso.

Genus SCHEUERIA Kieffer & Herbst

SCHEUERIA Kieffer & Herbst, 1909:120. Type-species, *longicornis* Kieffer & Herbst (orig. des., as gen. n., sp. n.).

AGGLOMERATA Kieffer, 1913a:39. Type-locality: Chile, Concepción, Concepción. Host — *Baccharis eupatorioides* Hook. & Arn. (Compositae). Distr. — Chile. Ref. — Kieffer & Herbst, 1909:120, fig. 2.

LONGICORNIS Kieffer & Herbst, 1909:120, fig. 1. Type-locality: Chile, Concepción, Concepción. Host — *Baccharis eupatorioides* Hook. & Arn. (Compositae). Distr. — Chile.

Genus ULEIA Rübsaamen

ULEIA Rübsaamen, 1905:85. Type-species, *clusiæ* Rübsaamen (mon.).

CLUSIÆ Rübsaamen, 1905:85. Type-locality: Brazil. Host — *Clusia* sp. (Guttiferae). Distr. — Brazil.

Genus XYLOPERRISIA Kieffer

XYLOPERRISIA Kieffer, 1913a:69. Type-species, *Perrisia azaræ* Kieffer (mon.).

AZARÆ (Kieffer), 1903:227 (*Perrisia*). Type-locality: Chile, Concepción, Concepción. Host — *Gaultheria vernalis* Kunze (Ericaceae). Distr. — Chile.

Supertribe ASPHONDYLIIDI

Tribe ASPHONDYLIINI

Genus ASPHONDYLIA Loew

Cecidomyia, subg. ASPHONDYLIA Loew, 1850:21, 37. Type-species, *sarothamni* Loew (Karsch, 1877:15).

Gisonobasis Rübsaamen, 1916a:432. Type-species, *tournefortiae* Rübsaamen (Rübsaamen, 1916b:12).

Most species in this genus cause galls in the flower parts, seeds or fruit of a wide array of plants. The others cause galls on stems, leaves or buds.

Subgenus ASPHONDYLIA Loew

- ACHATOCARPI Möhn, 1959:304, pl. 37, figs. 19-20. Type-locality: El Salvador, La Libertad, San Diego, e. La Libertad. Host — *Achatocarpus nigricans* Triana (Amarantaceae). Distr. — El Salvador.
- AJALLAI Möhn, 1959:366, pl. 41, figs. 120-122. Type-locality: El Salvador, La Libertad, Los Chorros. Host — *Vernonia canescens* H.B. & K. (Compositae). Distr. — El Salvador.
- ANACELIAE Möhn, 1959:355, pl. 40, figs. 103-105. Type-locality: El Salvador, La Libertad, Cumbre, Hacienda Chilata. Host — *Bidens squarrosa* H.B. & K. (Compositae). Distr. — El Salvador.
- ANDIRAE Möhn, 1959:314, pl. 38, figs. 35-37. Type-locality: El Salvador, La Libertad, San Diego, e. La Libertad. Host — *Andira inermis* H. B. & K. (Leguminosae). Distr. — El Salvador.
- ANNONAE Möhn, 1959:309, pl. 38, figs. 26-28. Type-locality: El Salvador, Santa Ana, n. El Roblarón. Host — *Anona cherimola* Mill. (Anonaceae). Distr. — El Salvador.
- ARDISIAE Möhn, 1959:333, pl. 39, figs. 67-68. Type-locality: El Salvador, La Libertad, n. El Cimarrón. Host — *Ardisia paschalis* J. D. Smith (Myrsinaceae). Distr. — El Salvador.
- BOERHAAVIAE Möhn, 1959:302, pl. 37, figs. 16-18. Type-locality: El Salvador, San Vicente, nr. Rio San Felipe. Host — *Boerhaavia erecta* L. (Nyctaginaceae). Distr. — El Salvador.
- BUDDLEIA Felt, 1935:2. Type-locality: U.S.A., Texas, Austin. Host — *Buddleia americana* L. and *B. racemosa* Torr. (Loganiaceae). Distr. — U.S.A. (Texas), El Salvador. Ref. — Möhn, 1960a:209, pl. 23, figs. 26-29.
- CABEZASAE Möhn, 1959:312, pl. 38, figs. 32-34. Type-locality: El Salvador, La Libertad, Los Choros. Host — *Crotalaria mucronata* Desv. (Leguminosae). Distr. — El Salvador.
- CALEAE Möhn, 1959:357, pl. 41, figs. 106-108. Type-locality: El Salvador, San Salvador, Picacho, below remains of cloud forest. Host — *Calea integrifolia* (DC) Hemsl. (Compositae). Distr. — El Salvador.
- CAMARAE Möhn, 1959:340, pl. 40, figs. 78-81. Type-locality: El Salvador, Cuscatlán, 27 km e. San Martín. Host — *Lantana camara* L. (Verbenaceae). Distr. — El Salvador.

- CESTRI Möhn, 1959:344, pl. 40, figs. 86-87. Type-locality: El Salvador, La Libertad, Los Chorros. Host — *Cestrum nocturnum* L. (Solanaceae). Distr. — El Salvador.
- CISSI Möhn, 1959:324, pl. 39, figs. 51-52. Type-locality: El Salvador, La Paz, about 8 km before Herradura. Host — *Cissus sicyoides* L. (Vitaceae). Distr. — El Salvador.
- CLEMATIDIS Felt, 1935:3. Type-locality: U.S.A., Texas, Austin. Hosts — *Clematis grossa* Benth., *C. dioica* L., and *C. drummondii* Torr. & Gray (Ranunculaceae). Distr. — U.S.A. (Texas), El Salvador. Ref. — Möhn, 1960a:206, pl. 23, figs. 20-22.
- CORBULAE Möhn, 1960a:197, pl. 22, figs. 1-3. Type-locality: El Salvador, Ahuachapan, nw. Las Chinamas. Host — *Eupatorium* sp. (Compositae). Distr. — El Salvador.
- CORDIAE Möhn, 1959:338, pl. 40, figs. 75-77. Type-locality: El Salvador, La Libertad, w. Ateos. Host — *Cordia alba* Roem. & Schult. (Boraginaceae). Distr. — El Salvador.
- CURATELLAE Möhn, 1959:330, pl. 39, figs. 62-63. Type-locality: El Salvador, Chalatenango, se. La Palma. Host — *Curatella americana* L. (Dilleniaceae). Distr. — El Salvador.
- ERYTHROXYLIS Möhn, 1959:315, pl. 39, figs. 38-39. Type-locality: El Salvador, La Libertad, ne. Sitio del Niño, w. lava fields. Host — *Erythroxylum mexicanum* H. B. & K. (Linaceae). Distr. — El Salvador.
- GODMANIAE Möhn, 1959:346, pl. 40, figs. 89-91. Type-locality: El Salvador, Chalatenango, w. Chalatenango. Host — *Godmania aesculifolia* (H. B. & K.) Standley (Bignoniaceae). Distr. — El Salvador.
- GUAREAE Möhn, 1959:316, pl. 38, figs. 40-42. Type-locality: El Salvador, Usulután, forest of San Marcos Lempa. Host — *Guarea* sp. (Meliaceae). Distr. — El Salvador.
- HELICTERIS Möhn, 1959:327, pl. 39, figs. 56-58. Type-locality: El Salvador, La Paz, nw. Olocuiltá. Host — *Helicteres guazumaefolia* H. B. & K. (Sterculiaceae). Distr. — El Salvador.
- HERCULESI Möhn, 1959:363, pl. 41, figs. 117-119. Type-locality: El Salvador, Chalatenango, se. La Palma. Host — *Vernonia canescens* H. B. & K. (Compositae). Distr. — El Salvador.
- HYPTIS Möhn, 1960a:206, pl. 22, fig. 19. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Hyptis verticillata* Jacq. (Labiatae). Distr. — El Salvador.
- INDIGOFEAE Möhn, 1960a:204, pl. 22, figs. 15-16. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Indigofera suffruticosa* Mill. (Leguminosae). Distr. — El Salvador.
- JATROPHAE Möhn, 1959:319, pl. 38, figs. 46-47. Type-locality: El Salvador, La Paz, 8 km before Herradura. Host — *Jatropha curcas* L. (Euphorbiaceae). Distr. — El Salvador.
- LIPPIAE Möhn, 1959:342, pl. 40, figs. 82-84. Type-locality: El Salvador, San Salvador, e. San Marcos. Host — *Lippia cardiostegia* Benth. (Verbenaceae). Distr. — El Salvador.
- LONCHOCARPI Möhn, 1960a:205, pl. 22, figs. 17-18. Type-locality: El Salvador, Sonsonate, n. Los Cobanos. Host — *Lonchocarpus minimiflorus* J. D. Smith (Leguminosae). Distr. — El Salvador.

- MALVAVISCI Möhn, 1959:325, pl. 39, figs. 53-55. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Malvaviscus arboreus* Cav (Malvaceae). Distr. — El Salvador.
- MELANTHERAE Möhn, 1959:360, pl. 41, figs. 112-114. Type-locality: El Salvador, San Miguel, n. El Delirio. Host — *Melanthera nivea* (L.) Small (Compositae). Distr. — El Salvador.
- OCIMI Möhn, 1959:343, pl. 40, fig. 85. Type-locality: El Salvador, Morazan, sw. Jocoro. Host — *Ocimum micranthum* Willd. (Labiatae). Distr. — El Salvador.
- PALACIOSI Möhn, 1959:310, pl. 38, figs. 29-31. Type-locality: El Salvador, Santa Ana, nw. Ciudad Arce. Host — *Crotalaria longirostrata* Hook. & Arn. (Leguminosae). Distr. — El Salvador.
- PARASITICOLA Möhn, 1960:202, pl. 22, figs. 10-13. Type-locality: El Salvador, Ahuachapan, nr. Ahuachapan. Host — *Struthanthus marginatus* (Desr.) Blume (Loranthaceae). Distr. — El Salvador.
- PORTULACAE Möhn, 1959:308, pl. 37, figs. 24-25. Type-locality: El Salvador, La Libertad, San Diego, e. La Libertad. Host — *Portulaca oleacea* L. (Portulacaceae). Distr. — El Salvador.
- PSYCHOTRIAE Möhn, 1959:349, pl. 40, figs. 95-96. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Psychotria pubescens* Sw. (Rubiaceae). Distr. — El Salvador.
- RANDIAE Möhn, 1959:350, pl. 40, figs. 97-99. Type-locality: El Salvador, La Libertad, se. Ciudad Arce. Host — *Randia aculeata* L. (Rubiaceae). Distr. — El Salvador.
- RONDELETIAE Möhn, 1959:352, pl. 40, figs. 100-102. Type-locality: El Salvador, San Salvador, Picacho, below remains of cloud forest. Host — *Rondeletia strigosa* (Benth.) Hemsl. (Rubiaceae). Distr. — El Salvador.
- RUELLIAE Möhn, 1959:347, pl. 40, figs. 92-94. Type-locality: El Salvador, Santa Ana, on bank of Lake Coatepeque. Host — *Ruellia albicaulis* Bert. (Acanthaceae). Distr. — El Salvador.
- SALVADORENSIS Möhn, 1959:358, pl. 41, figs. 109-111. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Hymenostephium cordatum* (Blake) Hook. & Arn. (Compositae). Distr. — El Salvador.
- SCOPARIAE Möhn, 1959:345, pl. 40, fig. 88. Type-locality: El Salvador, Chaltenango, e. Santa Barbara. Host — *Scoparia dulcis* L. (Scrophulariaceae). Distr. — El Salvador.
- SERJANIAE Möhn, 1959:322, pl. 38, figs. 48-50. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Serjanea goniocarpa* Radlk. (Sapindaceae). Distr. — El Salvador.
- TABERNAEMONTANAE Möhn, 1959:333, pl. 39, figs. 69-71. Type-locality: El Salvador, Sonsonate, n. Los Cobanos. Host — *Tabernaemontana amygdalifolia* Jacq. (Apocynaceae). Distr. — San Salvador.
- TALINI Möhn, 1959:305, pl. 37, figs. 21-23. Type-locality: El Salvador, La Libertad, Cumbre, Hacienda Chilata. Host — *Talinum paniculatum* Jacq. (Portulacaceae). Distr. — El Salvador.
- THEVETIAE Möhn, 1959:337, pl. 39, figs. 72-74. Type-locality: El Salvador, San Vicente, km 54, se. Santo Domingo. Host — *Thevetia plumeriaefolia* Benth. (Apocynaceae). Distr. — El Salvador.



- TITHONIAE** Möhn, 1960a:200, pl. 22, figs. 6-7. Type-locality: El Salvador, La Libertad, e. Sitio del Niño. Host — *Tithonia rotundifolia* (Mill.) Blake (Compositae). Distr. — El Salvador.
- TOURNEFORTIAE** (Rübsaamen), 1916a:433, figs. 2, 3b (*Gisonobasis*). Type-localities: Brazil, Acre, vicinity of São Francisco on Acre R.; Peru, Madre de Dios, Auristella on Acre R. Hosts — *Tournefortia volubilis* L. and *T. angustiflora* Ruiz & Pav. (Boraginaceae). Distr. — El Salvador, Brazil, Peru. Ref. — Möhn, 1960a:211, pl. 23, figs. 30-32.
- TRICHILLAE** Möhn, 1959:318, figs. 43-45. Type-locality: El Salvador, La Libertad, ne. Sitio del Niño, w. lava fields. Host — *Trichilia* sp. (Meliaceae). Distr. — El Salvador.
- TRIXIDIS** Möhn, 1959:362, pl. 41, figs. 115-116. Type-locality: El Salvador, La Libertad, ne. Sitio del Niño, w. lava fields. Host — *Trixis radialis* O. Ktze. (Compositae). Distr. — El Salvador.
- VINCENTI** Felt, 1911b:109. Type-locality: St. Vincent. Hosts — *Jussieua suffruticosa* L. and *J. linifolia* Vahl. (Onagraceae). Distr. — St. Vincent, El Salvador. Ref. — Möhn, 1960a:208, pl. 23, figs. 23-25.
- WALTHERIAE** Möhn, 1959:328, pl. 39, figs. 59-61. Type-locality: El Salvador, Santa Ana, e. Tablón del Coco. Host — *Waltheria indica* L. (Sterculiaceae). Distr. — El Salvador.
- XIMENIAE** Möhn, 1959:301, pl. 37, figs. 1-15. Type-locality: El Salvador, La Libertad, ne. Sitio del Niño, w. lava fields. Host — *Ximenia americana* L. (Olacaceae). Distr. — El Salvador.
- XYLOSMATIS** Möhn, 1959:331, pl. 39, figs. 64-66. Type-locality: El Salvador, Santa Ana, se. Candelaria, Hacienda Cortez. Host — *Xylosma flexuosum* Hemsl. (Flacourtiaceae). Distr. — El Salvador.
- ZACATECHICHI** Möhn, 1960a:199, pl. 22, figs. 4-5. Type-locality: El Salvador, San Vicente, km 54, se. Santo Domingo. Host — *Calea zacatechichi* Schlecht. (Compositae). Distr. — El Salvador.
- ZEXMENIAE** Möhn, 1960a:201, pl. 22, figs. 8-9. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Zexmenia frutescens* (Mill.) Blake (Compositae). Distr. — El Salvador.
- Unnamed sp., Möhn, 1960a:213. Host — *Casearia banquitana* E. H. L. Krause (Samydaceae). Distr. — El Salvador, Sonsonate, km 5 on road to Los Cobanos.

Subgenus EOASPHONDYLIA Möhn

- Asphondylia**, subg. EOASPHONDYLIA Möhn, 1960a:214. Type-species, *convolvuli* Möhn (orig. des.).
- AYENIAE** Möhn, 1960a:216, pl. 24, figs. 49-65. Type-locality: El Salvador, Santa Ana, road to Metapán, ne. Santa Ana. Host — *Ayenia pusilla* L. (Sterculiaceae). Distr. — El Salvador.
- CONVOLVULI** Möhn, 1960a:214, pl. 23, figs. 33-46; pl. 24, figs. 47-48. Type-locality: El Salvador, La Libertad, ne. Sitio del Niño, w. lava fields. Host — *Ipomoea arborescens* (H. B.) Don (Convolvulaceae). Distr. — El Salvador.

UNPLACED SPECIES OF *Asphondylia*

- ALTANI Felt, 1915c:206. Type-locality: Nicaragua, Carazo, San Marcos. Host — unknown. Distr. — Nicaragua.
- ATRIPLICIS (Townsend), 1893:1021 (*Cecidomyia*). Type-locality: U.S.A., New Mexico, Las Cruces. Host — *Atriplex canescens* (Pursh.) Nutt. (Chenopodiaceae). Distr. — U.S.A. (southwestern), Mexico (Baja California).
- ATTENUATATA Felt, 1909:300. Type-locality: British West Indies (Antigua?). Host — *Clerodendron aculeatum* Griseb. (Verbenaceae). Distr. — British West Indies (Antigua?).
- BACCHARIS Kieffer & Herbst, 1905:65. Type-locality: Chile, Concepción, vic. San Vicente. Host — *Baccharis* sp. (Compositae). Distr. — Chile. Ref. — Kieffer & Herbst, 1906:230.
- BAHIENSIS Tavares, 1917b:156, fig. 4 (B, C); pl. 8, figs. 5-6. Type-locality: Brazil, Bahia, Salvador. Host — sp. of Rubiaceae. Distr. — Brazil.
- BORRERIAE Rübsaamen, 1905:74. Type-locality: Brazil, Guanabara, Rio de Janeiro, Arpoador. Hosts — *Diodia* sp. and *Borreria* sp. (Rubiaceae). Distr. — Brazil.
- CRASSIPALPIS Kieffer & Jörgensen, 1910:365, figs. 3-4. Type-localities: Argentina, Mendoza, near Pedregal and north of Chacras de Coria (11 km s. Mendoza); San Juan, near Cancete (n. Mendoza). Host — *Baccharis salicifolia* Pers. (Compositae). Distr. — Argentina.
- HIERONYMI (Weyenbergh), 1875:164 (*Lasioptera*). Type-locality: Argentina. Host — unknown. Distr. — Argentina.
- MONACHA Osten Sackén, 1869:299. Type-locality: U.S.A., New York. Hosts — *Solidago* spp. (Compositae). Distr. — U.S.A., Mexico.
- OPUNTIAE Felt, 1908b:377. Type-locality: U.S.A., Texas, Sinton. Host — *Opuntia* sp. (Cactaceae). Distr. — U.S.A. (southwestern), Mexico.
- PARVA Tavares, 1917b:159, fig. 4(A). Type-locality: Brazil, Bahia, Salvador. Host — sp. of Rubiaceae. Distr. — Brazil.
- PATTERSONI Felt, 1911d:301. Type-locality: St. Vincent. Host — *Citharexylum quadrangulare* Jacq. (Verbenaceae). Distr. — St. Vincent.
- ROCHAE Tavares, 1918b:68, pl. 3, figs. 9-11. Type-locality: Brazil, Ceará, nr. Fortaleza. Host — *Jussiaea* sp. (Onagraceae). Distr. — Brazil.
- SICCAE Felt, 1908b:376. Type-locality: Jamaica. Host — *Phyllanthus distichus* Muell. Arg. (Euphorbiaceae). Distr. — Jamaica.
- STACHYTARPHETA Barnes, 1932:482. Type-locality: Trinidad. Host — *Stachytarpheta cajanensis* Vahl. (Verbenaceae). Distr. — Trinidad.
- STRUTHANTHI (Rübsaamen), 1916a:432, fig. 1 (*Gisonobasis*). Type-locality: Brazil, Ceará, Serra do Baturité. Host — *Struthanthus* sp. (Loranthaceae). Distr. — Brazil. N. comb.
- SULPHUREA Tavares, 1909:14, pl. 1, fig. 1; pl. 5, fig. 6. Type-locality: Brazil, Rio Grande do Sul, vic. São Leopoldo. Host — *Smilax* sp. (Liliaceae). Distr. — Brazil.
- SWAEDICOLA Kieffer & Jörgensen, 1910:435. Type-localities: Argentina, Mendoza, La Paz, Potrerillos, and San Ignacio; San Juan, nr. Cancete (n. Mendoza). Host — *Suaeda divaricata* Moq. (Chenopodiaceae). Distr. — Argentina.



ULEI Rübsaamen, 1908a:172. Type-locality: Brazil, Rio de Janeiro, Palmeiras. Host — *Mikania* sp. (Compositae). Distr. — Brazil.

Unnamed sp., Tavares, 1909:8, pl. 3, fig. 10. Host — *Mikania amara* Willd. (Compositae). Distr. — Brazil, Rio Grande do Sul, vic. São Leopoldo.

Genus BRUGGMANNIELLA Tavares

BRUGGMANNIELLA Tavares, 1909:19. Type-species, *braziliensis* Tavares (mon.).

BRAZILIENSIS Tavares, 1909:20, pl. 1, figs. 2-5; pl. 3, fig. 11-12. Type-locality: Brazil, Rio Grande do Sul, São Leopoldo. Host — *Sorocea ilicifolia* Miq. (Urticaceae). Distr. — Brazil. Ref. — Möhn, 1963b:5, figs. 94-112.

Genus HEMIASPHONDYLIA Möhn

HEMIASPHODYLIA Möhn, 1960a:229. Type-species, *mimosae* Möhn (orig. des.).

MIMOSAE Möhn, 1960a:230, pl. 27, figs. 121-137. Type-locality: El Salvador, La Libertad, n. El Cimarrón. Host — *Mimosa albida* Humb. & Bonpl. (Leguminosae). Distr. — El Salvador.

Genus HEMIBRUGGMANNIELLA Möhn

HEMIBRUGGMANNIELLA Möhn, 1961a:6. Type-species, *Bruggmanniella oblita* Tavares (orig. des.).

OBLITA (Tavares), 1920a:34, figs. 1-3 (*Bruggmanniella*). Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Host — sp. of Anacardiaceae, prob. *Schinus* sp. Distr. — Brazil. Ref. — Möhn, 1961a:7, pl. 2, figs. 21-29.

Genus HETERASPHONDYLIA Möhn

HETERASPHONDYLIA Möhn, 1960a:227. Type-species, *salvadorensis* Möhn (orig. des.).

SALVADORENSIS Möhn, 1960a:228, pl. 26, figs. 111-114; pl. 27, figs. 115-120. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Piper* sp. (Piperaceae). Distr. — El Salvador.

Genus PERASPHONDYLIA Möhn

PERASPHONDYLIA Möhn, 1960a:218. Type-species, *reticulata* Möhn (orig. des.).

RETICULATA Möhn, 1960a:219, pl. 24, figs. 66-70; pl. 25, figs. 71-82. Type-locality: El Salvador, Chalatenango, w. Chalatenango. Hosts — *Eupatorium odoratum* L., *Eupatorium* sp. (Compositae). Distr. — El Salvador.

Genus RHOASPHONDYLIA Möhn

RHOASPHONDYLIA Möhn, 1960a:224. Type-species, *Oxasphondylia friburgensis* Tavares (orig. des.).

FRIBURGENSIS (Tavares), 1917b:126, fig. A (5, 6), pl. 7, figs. 6-8 (*Oxasphondylia*). Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Hosts — *Baccharis dracunculifolia* DC., *B. schultzei* Baker, and *B. trinervis* Pers. (Compositae). Distr. — El Salvador, Brazil. Ref. — Möhn, 1960a:225, pl. 26, figs. 93-110.

Genus SCIASPHONDYLIA Möhn

SCIASPHONDYLIA Möhn, 1960a:221. Type-species, *salviae* Möhn (orig. des.).

SALVIAE Möhn, 1960a:222, pl. 25, figs. 83-90; pl. 26, figs. 91-92. Type-locality: El Salvador, Chalatenango, 15 km. from La Palma. Host — *Salvia* sp. (Labiatae). Distr. — El Salvador.

Genus TAVARESOMYIA Möhn

TAVARESOMYIA Möhn, 1961a:9. Type-species, *Schizomyia mimosae* Tavares (orig. des.).

MIMOSAE (Tavares), 1925:28, fig. 9 (*Schizomyia*). Type-locality: Brazil, Ceará. Host — *Mimosa caesalpiniaefolia* Benth. (Leguminosae). Distr. — Brazil. Ref. — Möhn, 1961a:9, pl. 2, figs. 30-32.

Genus XENASPHONDYLIA Felt

XENASPHONDYLIA Felt, 1915c:202. Type-species, *albipes* Felt (orig. des.).

ALBIPES Felt, 1915c:202, fig. 5. Type-locality: Dominican Republic, Santo Domingo, San Francisco Mts. Host — unknown. Distr. — Dominican Republic. Ref. — Möhn, 1963b:3, figs. 85-93.

Genus ZALEPIDOTA Rübsaamen

ZALEPIDOTA Rübsaamen, 1908:38. Type-species, *piperis* Rübsaamen (orig. des., as gen. n., sp. n.).

OZOBIA Kieffer, 1913a:97. Type-species, *tavaresi* Kieffer (orig. des.).

Oxasphondylia Felt, 1915c:204. Type-species, *reticulata* Felt (orig. des.).

PIPERIS Rübsaamen, 1908b:38, fig. 13. Type-locality: Brazil, Guanabara, Rio de Janeiro, Tijuca. Host — *Piper* sp. (Piperaceae). Distr. — Brazil. Refs. — Tavares, 1925:34, figs. 11-12; pl. 1, figs. 9-10; Möhn, 1963b:12, figs. 113-126.

RETICULATA (Felt), 1915c:205, figs. 7-9 (*Oxasphondylia*). Type-locality: Guatemala, Alta Vera Paz, Trece Aguas. Host — *Piper* sp. (Piperaceae). Distr. — Guatemala. Ref. — Möhn, 1963b:21, figs. 131-137.



TAVARES (Kieffer), 1913a:98 (*Oxobia*). Type-locality: Brazil, Rio Grande do Sul, vic. São Leopoldo. Host — *Piper* sp. (Piperaceae). Distr. — Brazil. Refs. — Tavares, 1909:24, pl. 2, fig. 1; pl. 4, figs. 24-26, pl. 5, figs. 10-13; Möhn, 1963b:15, figs. 127-130.

Tribe POLYSTEPHINI

Genus POLYSTEPHA Kieffer

POLYSTEPHA Kieffer, 1897:11. Type-species, *quercus* Kieffer (orig. des.).

LAPALMAE Möhn, 1960b:335, pl. 48, figs. 11-12. Type-locality: El Salvador, Chalatenango, road to La Palma, ca. 15 km before La Palma. Host — *Quercus hondurensis* Trel. (Fagaceae). Distr. — El Salvador.

SALVADORENSIS Möhn, 1960b:333, pl. 48, figs. 1-10. Type-locality: El Salvador, Chalatenango, road to La Palma, ca. 15 km before La Palma. Host. — *Quercus eugeniaefolia* Llebm. (Fagaceae). Distr. — El Salvador.

Tribe SCHIZOMYIINI

Genus AMELIOMYIA Möhn

AMELIOMYIA Möhn, 1960a:237. Type-species, *zexmeniae* Möhn (orig. des.).

ZEXMENIAE Möhn, 1960a:237, pl. 28, figs. 163-172. Type-locality: El Salvador, Santa Ana, south of Candelaria. Host — *Zexmenia frutescens* (Mill.) Blake (Compositae). Distr. — El Salvador.

Genus BRUGGMANNIA Tavares

BRUGGMANNIA Tavares, 1906:81. Type-species, *braziliensis* Tavares (mon.). *Feltomyia* Kieffer, 1913:100. Type-species, *Uleela pisonifolia* Felt (orig. des.).

BRAZILIENSIS Tavares, 1906:82, fig. 4. Type-locality: Brazil, Rio Grande do Sul, São Leopoldo. Host — *Myrsine* sp. (Myrsinaceae). Distr. — Brazil. Refs. — Tavares, 1909:22, pl. 6, figs. 8-9; pl. 7, fig. 10; Möhn, 1962b:211, figs. 1-18.

PISONIAE (Felt), 1912a:174 (*Bruggmanniella*). Type-locality: St. Vincent. Host — *Pisonia nigricans* Sw. (Nyctaginaceae). Distr. — St. Vincent. N. COMB.

PISONIFOLIA (Felt), 1912b:353 (*Uleela*). Type-locality: St. Vincent. Host — *Pisonia nigricans* Sw. (Nyctaginaceae). Distr. — U.S.A. (Fla.), St. Vincent. Ref. — Möhn, 1962:217, figs. 19-37.

PSYCHOTRIAE Möhn, 1960b:352, pl. 51, figs. 71-78; pl. 52, figs. 79-91. Type-locality: El Salvador, La Libertad, San Diego, e. La Libertad. Host — *Psychotria carthaginensis* Jac. (Rubiaceae). Distr. — El Salvador.

PUSTULANS Möhn, 1960b:348, pl. 50, figs. 49-52; pl. 51, figs. 53-70. Type-locality: El Salvador, Ateos, w. Ateos. Hosts — *Pisonia macranthocarpa* J. D. Smith and *P. aculeata* L. (Nyctaginaceae). Distr. — El Salvador.

RANDIAE Möhn, 1960b:354, pl. 52, figs. 92-100; pl. 53, figs. 101-109. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Randia spinosa* (Jacq.) Karst. (Rubiaceae). Distr. — El Salvador.

Genus BURSERAMYIA Möhn

BURSERAMYIA Möhn, 1960a:232. Type-species, *burserae* Möhn (orig. des.).

BURSERAE Möhn, 1960a:233, pl. 28, figs. 138-153. Type-locality: El Salvador, La Libertad, nc. Sitio del Niño, w. lava fields. Host — *Bursera gummifera* L. (Burseraceae). Distr. — El Salvador.

Genus MACROPORPA Rübsaamen

MACROPORPA Rübsaamen, 1916a:437. Type-species, *peruviana* Rübsaamen, by present designation.

PERUVIANA Rübsaamen, 1916a:437, figs. 4-8. Type-locality: Peru, Madre de Dios, Aurlstella on Rio Acre. Host — sp. of Malpighiaceae. Distr. — Peru. Ref. — Möhn, 1962:225, figs. 41-55.

ULEI Rübsaamen, 1916a:441, figs. 9-12. Type-locality: Brazil, Acre, San Francisco on Rio Acre. Host — sp. of Lauraceae. Ref. — Möhn, 1962:229.

Genus PISONIAMYIA Möhn

PISONIAMYIA Möhn, 1960b:338. Type-species, *armeniae* Möhn (orig. des.).

ARMENIAE Möhn, 1960b:339, pl. 48, figs. 13-17; pl. 49, figs. 18-30. Type-locality: El Salvador, La Libertad, w. Ateos. Host — *Pisonia macranthocarpa* J. D. Smith (Nyctaginaceae). Distr. — El Salvador.

MEXICANA (Felt), 1911e:465 (*Bruggmanniella*). Type-locality: Mexico, Tamaulipas, Tampico. Host — *Pisonia aculeata* L. (Nyctaginaceae). Distr. — Mexico.

SIMILIS Möhn, 1960b:342, pl. 49, figs. 31-33; pl. 50, figs. 34-38. Type-locality: El Salvador, La Libertad, w. Ateos. Host — *Pisonia macranthocarpa* J. D. Smith (Nyctaginaceae). Distr. — El Salvador.

Genus PISPONDYLIA Möhn

PISPONDYLIA Möhn, 1960b:344. Type-species, *salvadorensis* Möhn (orig. des.).

SALVADORENSIS Möhn, 1960b:345, pl. 50, figs. 39-48. Type-locality: El Salvador, La Libertad, w. Ateos. Host — *Pisonia macranthocarpa* J. D. Smith (Nyctaginaceae). Distr. — El Salvador.

Genus PLACOCHELA Rübsaamen

PLACOCHELA Rübsaamen, 1916b:4. Type-species, *Epidosis nigripes* Loew (orig. des.).



SERJANIAE Möhn, 1960a:235, pl. 28, figs. 154-162. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Serjanea goniocarpa* Radlk. (Sapindaceae). Distr. — El Salvador.

Genus PROASPHONDYLIA Felt

PROASPHONDYLIA Felt, 1915c:203. Type-species, *brasiliensis* Felt (orig. des.).
BRASILIENSIS Felt, 1915c:203, fig. 6. Type-locality: Brazil, Pernambuco, Bonito. Host — unknown. Distr. — Brazil. Ref. — Möhn, 1962:232, figs. 62-73

Genus SCHIZOMYIA Kieffer

SCHIZOMYIA Kieffer, 1889:183. Type-species, *galiorum* Kieffer (Coquillett, 1910:604).
IPOMOEAE Felt, 1910b:160. Type-locality: St. Vincent. Host — *Ipomoea* sp. (Convolvulaceae). Distr. — St. Vincent.
MANIHOTI Tavares, 1925:22, figs. 3-4, 5a, 6-8; pl. 1, fig. 3. Type-locality: Brazil, Ceará. Host — *Manihot utilissima* Pohl. (Euphorbiaceae). Distr. — Brazil.
STACHYTARPHETAE Barnes, 1932:483. Type-locality: Trinidad. Host — *Stachytarpheta cajanensis* Vahl. (Verbenaceae). Distr. — Trinidad.

Genus STEPHOMYIA Tavares

STEPHOMYIA Tavares, 1916:54. Type-species, *eugeniae* Tavares (orig. des.).
EUGENIAE Tavares, 1916:54, figs. 7 (D, E), 13-14. Type-locality: Brazil, Guanabara, Rio de Janeiro, Botanical Gardens. Host — *Eugenia* sp. (Myrtaceae). Distr. — U.S.A. (Fla.), Brazil. Ref. — Möhn, 1962:234, figs. 74-84.
eugeniae Felt, 1913c:175 (*Cystodiplosis*). Type-locality: U.S.A., Florida, Key West. N. SYN., N. COMB.

UNPLACED GENERA OF ASPONDYLIID

Genus ANASPHONDYLIA Blanchard

ANASPHONDYLIA Blanchard, 1939:173 (preocc. Tavares, 1920). Type-species, *aspidospermae* Blanchard (orig. des.). This name, a junior homonym of *Anasphondylia* Tavares, is not changed here because the genus may prove to be a synonym of another genus of *Asphondyliidi*.
ASPIDOSPERMAE Blanchard, 1939:173, pl. 10, figs. a-e. Type-locality: Argentina, Santa Fé, San Cristobal. Host — *Aspidosperma quebracho-blanco* Schlecht. (Apocynaceae). Distr. — Argentina.

Genus ANASPHONDYLIA Tavares

ANASPHONDYLIA Tavares, 1920a:38. Type-species, *myrtacea* Tavares (orig. des.).

MYRTACEA Tavares, 1920b:38, pl. 3, figs. 10-13. Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Host — sp. of Myrtaceae. Distr. — Brazil. Ref. — Tavares, 1922:25.

Genus METASHONDYLIA Tavares

METASPHONDYLIA Tavares, 1918a:41. Type-species, *squamosa* Tavares (orig. des.).

SQUAMOSA Tavares, 1918a:42, pl. 1, fig. 6; pl. 2, figs. 6, 7, 9, 10. Type-locality: Brazil, Bahia, Salvador. Host — sp. of Malvaceae. Distr. — Brazil.

UNPLACED SPECIES OF ASPHONDYLIIDI

CLAVATA Tavares, 1920b: pl. 3, fig. 14 (*Oxasphondylia*). Type-locality: Brazil, Bahia, Salvador. Host — sp. of Myrtaceae. Distr. — Brazil. Ref. — Tavares, 1921:93

ITUENSIS Tavares, 1917b:139, pl. 4, figs. 1-2; fig. A (1-4) (*Oxasphondylia*). Type-locality: Brazil, São Paulo, Salto de Itu. Host — *Porophyllum* sp. (Compositae). Distr. — Brazil.

Supertribe LASIOPTERIDI

Genus ALYCAULUS Rübsaamen

ALYCAULUS Rübsaamen, 1916a:476. Type-species, *mikaniae* Rübsaamen (mon.).

MIKANIAE Rübsaamen, 1916a:476, figs. 55-60. Type-locality: Peru, Madre de Dios, nr. Auristella on Rio Acre. Host — *Mikania* sp. (Compositae). Distr. — Peru.

TRILOBATA Möhn, 1964b:583, pl. 10, figs. 145-146. Type-locality: El Salvador, Cuscatlan, ne. Cojutepeque. Host — *Mikania scandens* Willd. (Compositae). Distr. — El Salvador.

Genus ASTEROMYIA Felt

ASTEROMYIA Felt, 1910c:348. Type-species, *Cecidomyia carbonifera* Felt (orig. des.) = *euthamiae* Gagné.

GUTIERREZIAE Felt, 1916:179. Type-locality: U.S.A., Utah, Salt Lake City. Hosts — *Gutierrezia microcephala* (DC.) Gray, *G. sarothrae* (Pursh.) Britt. & Rusby, and *Gymnosperma glutinosa* Less. (Compositae). Distr. — U.S.A. (southwestern), Mexico (unpub.).

Genus BACCHAROMYIA Tavares

BACCHAROMYIA Tavares, 1917b:129. Type-species, *ramosina* Tavares (orig. des.).

RAMOSINA Tavares, 1917b:130, fig. B (1-6). Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Host — *Baccharis genistelloides* Pers. (Compositae). Distr. — Brazil.



Genus BRACHYLASIOPTERA Möhn

BRACHYLASIOPTERA Möhn, 1964b:576. Type-species, *rotunda* Möhn (orig. des.).

GILBERTIAE Möhn, 1964b:579, pl. 8, fig. 129. Type-locality: El Salvador, La Libertad, nr. Los Chorros. Host — *Gilbertia arborea* (L.) March (Araliaceae). Distr. — El Salvador.

ROTUNDA Möhn, 1964b:576, pl. 7, figs. 113-117, pl. 8, figs. 118-128. Type-locality: El Salvador, La Libertad, nr. San Diego, e. La Libertad. Host — *Pseudocalymma macrocarpa* (J. D. Sm.) Sandw. (Bignoniaceae). Distr. — El Salvador.

Genus CAMPTONEUROMYIA Felt

CAMPTONEUROMYIA Felt, 1908b:334. Type-species, *Dasineura virginica* Felt (Coquillett, 1910:518).

MERIDIONALIS Felt, 1910a:269. Type-locality: British West Indies, St. Vincent. Host — *Ipomoea* sp. (Convolvulaceae), inquiline in galls of *Schizomyia ipomoeae*. Distr. — St. Vincent.

Genus DIALERIA Tavares

DIALERIA Tavares, 1918b:78. Type-species, *styracis* Tavares (orig. des.).

STYRACIS Tavares, 1918b:78, pl. 3, fig. 13. Type-locality: Brazil, Bahia, Caitité. Host — *Styrax* sp. (Styracaceae), inquiline in galls of *Styraxdiplosis caetitensis*. Distr. — Brazil.

Genus DOLICHOLABIS Tavares

DOLICHOLABIS Tavares, 1918b:72. Type-species, *lantanae* Tavares (orig. des.).

INSIGNIS Tavares, 1922:13, figs. 2-6. Type-locality: Brazil. Host — *Prothium heptaphyllum* (Burseraceae), inquiline in galls of *Dasineura braziliensis*. Distr. — Brazil.

LANTANAE Tavares, 1918b:73, pl. 3, figs. 1-6; pl. 4, fig. 1. Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Host — *Lantana* sp. (Verbenaceae), inquiline in galls of *Schismatodiplosis lantanae*. Distr. — Brazil.

Genus EPILASIOPTERA Möhn

EPILASIOPTERA Möhn, 1964b:573. Type-species, *iresinis* Möhn (orig. des.).

IRESINIS Möhn, 1964b:573, pl. 6, figs. 98-105; pl. 7, figs. 106-112. Type-locality: El Salvador, La Libertad, Cumbre, Hacienda Chilata. Host — *Iresine calea* (Ibañez) Standley (Amaranthaceae). Distr. — El Salvador.



Genus GERALDESIA Tavares

- GERALDESIA Tavares, 1917b:134. Type-species, *eupatorii* Tavares (orig. des.).
EUPATORIUM Tavares, 1917b:134, fig. C (1-5). Type-locality: Brazil, Rio de Janeiro. Host — *Eupatorium* sp. (Compositae). Distr. — Brazil.

Genus ISOLASIOPTERA Möhn

- ISOLASIOPTERA Möhn, 1964b:584. Type-species, *eupatoriensis* Möhn (orig. des.).
EUPATORIENSIS Möhn, 1964b:585, pl. 10, figs. 147-153; pl. 11, figs. 154-162. Type-locality: El Salvador, Sonsonate, forest, km 48 on road to Sonsonate. Hosts — *Eupatorium morifolium* Mill. and *Eupatorium* sp. (Compositae). Distr. — El Salvador.

Genus LOBOLASIOPTERA Möhn

- LOBOLASIOPTERA Möhn, 1964b:580. Type-species, *media* Möhn (orig. des.).
MEDIA Möhn, 1964b:581, pl. 9, figs. 130-142; pl. 10, figs. 143-144. Type-locality: El Salvador, La Libertad, e. La Libertad, nr. San Diego. Host — *Pseudocalymma macrocarpa* (J. D. Sm.) Sandw. (Bignoniaceae). Distr. — El Salvador.

Genus NEOLASIOPTERA Felt

- Meunieria* Rübsaamen, 1905:137 (preocc. Kieffer, 1904). Type-species, *dalechampia* Rübsaamen (orig. des., as gen. n., sp. n.).
NEOLASIOPTERA Felt, 1908b:330. Type-species, *Lasioptera vitinea* Felt (Coquillett, 1910b:575).
Meunieriella Kieffer, 1909:35 (nom. nov. for *Meunieria* Rübsaamen). Type-species, *Meunieria dalechampia* Rübsaamen (aut.). N. SYN.
Luisieria Tavares, 1922:43. Type-species, *fariae* Tavares (orig. des.). Most species in this genus form galls on stems, petioles or leaf midveins on a wide array of plants. A few are found in the seeds of Compositae.

Subgenus NEOLASIOPTERA Felt

- AESCHYNOMENSIS (Brèthes), 1918:1, figs. 1-2 (*Lasioptera*). Type-locality: Argentina, Buenos Aires. Host — *Aeschynomene montevidensis* Vog. (Leguminosae). Distr. — Argentina. N. COMB.
AMARANTHI Möhn, 1964a:47, pl. 1, figs. 1-14. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Amaranthus spinosus* L. (Amaranthaceae). Distr. — El Salvador.
APHELANDRAE Möhn, 1964a:90, pl. 16, figs. 220-221. Type-locality: El Salvador, La Libertad, n. El Cimarón. Host — *Aphelandra deppeana* Cham. & Schlecht. (Acanthaceae). Dist. — El Salvador.



- BORRERIEAE** Möhn, 1964a:93, pl. 17, figs. 230-238. Type-locality: El Salvador, San Salvador, e. San Marcos. Host — *Borreria verticillata* (L.) Meyer (Rubiaceae). Distr. — El Salvador.
- BRICKELLIAE** Möhn, 1964b:560, pl. 3, figs. 42-52. Type-locality: El Salvador, Chalatenango, ca. 15 kms. from la Palma. Host — *Brickellia pacayensis* Coult. (Compositae). Distr. — El Salvador.
- CALEAE** Möhn, 1964b:556, pl. 2, figs. 15-29. Type-locality: El Salvador, La Libertad, nr. Los Chorros. Host — *Calea integrifolia* (DC.) Hemsl. (Compositae). Distr. — El Salvador.
- GAMARAE** Möhn, 1964b:565, pl. 4, figs. 66-71; pl. 5, figs. 72-73. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Lantana camara* L. (Verbenaceae). Distr. — El Salvador.
- CAPSICI** Möhn, 1964a:78, pl. 12, figs. 161-168; pl. 13, figs. 169-170. Type-locality: El Salvador, La Libertad, nr. San Diego, e. La Libertad. Host — *Capsicum baccatum* L. (Solanaceae). Distr. — El Salvador.
- CELTIS** Möhn, 1964b:553, pl. 1, figs. 1-13; pl. 2, fig. 14. Type-locality: El Salvador, Santa Ana, nr. San Diego. Host — *Celtis iguanea* (Jacq.) Sarg. (Urticaceae). Distr. — El Salvador.
- CEREI** (Rübsaamen), 1905:81, (*Lasioptera*). Type-locality: Brazil, Rio de Janeiro, Cabo Frio. Host — *Cereus setaceus* Salm-Dyck (Cactaceae). Distr. — Brazil. N. comb.
- CESTRI** Möhn, 1964a:80, pl. 13, figs. 171-180; pl. 14, figs. 181-184. Type-locality: El Salvador, Santa Ana, nr. San Jose, Hacienda San Jose. Host — *Cestrum aurantiacum* Lindl. and *C. lanatum* Mart. & Gal. (Solanaceae).
- CISSAMPELI** Möhn, 1964a:55, pl. 4, figs. 44-54. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Cissampelos pareira* L. (Menispermaceae). Distr. — El Salvador.
- CLEMATICOLA** Möhn, 1964a:52, pl. 3, figs. 23-43. Type-locality: El Salvador, Santa Ana, nw. Ciudad Arce. Host — *Clematis dioica* L. (Ranunculaceae). Distr. — El Salvador.
- COMBRET** Möhn, 1964a:68, pl. 9, figs. 112-120; pl. 10, figs. 121-124. Type-locality: El Salvador, La Libertad, n. El Cimarón. Host — *Combretum farinosum* H. B. & K. (Combretaceae). Distr. — El Salvador.
- COMPOSITARUM** Möhn, 1964b:563, pl. 4, figs. 53-65. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Hymenostephium cordatum* Blake and *Tridax procumbens* L. (Compositae). Distr. — El Salvador.
- CORDIAE** Möhn, 1964a:71, pl. 10, figs. 127-133; pl. 11, fig. 134. Type-locality: El Salvador, La Libertad, se. Ciudad Arce. Host — *Cordia cana* Mart. & Gal. (Boraginaceae). Distr. — El Salvador.
- DALECHAMPIAE** (Rübsaamen), 1905:13 (*Meunieria*). Type-locality: Brazil, Rio de Janeiro, Palmeiras. Host — *Dalechampia ficifolia* Lam. (Euphorbiaceae). Distr. — Brazil. N. comb.
- DENTATA** Möhn, 1964b:567, pl. 5, figs. 74-75. Type-locality: El Salvador, Santa Ana, nr. San José. Host — *Eupatorium* sp. (Compositae). Distr. — El Salvador.
- ERIGERONTIS** (Felt), 1907b:163 (*Choristoneura*). Type-locality: U.S.A., New York, Albany. Host — *Erigeron canadensis* L. (Compositae). Distr. — U.S.A., El Salvador. Ref. — Möhn, 1964b:568, pl. 5, figs. 76-88.

- ERYTHRONYLI Möhn, 1964a:62, pl. 7, figs. 86-94. Type-locality: El Salvador, Sonsonate, n. Los Cobanos. Host — *Erythroxylum mexicanum* H. B. & K. (Lineaceae). Distr. — El Salvador.
- EXIGUA Möhn, 1964a:82, pl. 14, figs. 185-191; pl. 15, figs. 192-193. Type-locality: El Salvador, La Libertad, n. El Cimarrón. Host — *Solanum umbellatum* Mill. (Solanaceae). Distr. — El Salvador.
- FARIAE (Tavares), 1922:44, figs. 11-16 (*Luisieria*). Type-locality: Brazil, Bahia, Salvador. Host — undet. plant. Distr. — Brazil.
- GRACILFORCEPS (Kieffer & Jörgensen), 1910:429, figs. 53-54 (*Lasioptera*). Type-locality: Argentina. Host — *Prosopis strombulifera* Benth. (Leguminosae). Distr. — Argentina. N. COMB.
- GRANDIS Möhn, 1964a:87, pl. 16, figs. 209-210. Type-locality: El Salvador, San Vicente, forest, km 81 nr. Rio San Felipe. Host — *Pseudocalymma macrocarpa* (J. D. Sm.) Sandw. (Bignoniaceae). Distr. — El Salvador.
- HELIOCARPI Möhn, 1964a:66, pl. 9, fig. 109. Type-locality: El Salvador, La Libertad, e. San Juan Higinio. Host — *Heliocarpus donnellsmithii* Rose (Tiliaceae). Distr. — El Salvador.
- HETEROTHALAMI (Kieffer & Jörgensen), 1910:399, figs. 28-30 (*Lasioptera*). Type-locality: Argentina, Mendoza, La Paz; San Juan, Cancete (n. Mendoza). Host — *Heterothalamus spartioides* Hook. & Arn. (Compositae). N. COMB.
- HYPTIS Möhn, 1964a:74, pl. 11, figs. 137-150; pl. 12, fig. 151. Type-locality: El Salvador, Santa Ana, nw. Ciudad Arce. Host — *Hyptis suaveolens* (L.) Poit. (Labiatae). Distr. — El Salvador.
- INDIGOFAERAE Möhn, 1964a:60, pl. 6, figs. 70-83; pl. 7, figs. 84-85. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Indigofera suffruticosa* Mill. (Leguminosae). Distr. — El Salvador.
- INGAE Möhn, 1964a: 57, pl. 4, figs. 55-58; pl. 5, figs. 59-69. Type-locality: El Salvador, La Libertad, Cumbre, se. San Julian, Hacienda San Julian. Host — *Inga leptoloba* Schlecht. & *I. spuria* H. & B. (Leguminosae). Distr. — El Salvador.
- INTERRUPTA (Kieffer & Jörgensen), 1910:375, fig. 10 (*Lasioptera*). Type-locality: Argentina, Mendoza, nr. Chacras de Coria (11 km s. Mendoza). Host — *Baccharis "subulata" Hook* (Compositae). Distr. — Argentina. N. COMB.
- IRESINIS Möhn, 1964a:50, pl. 2, figs. 15-28. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Iresine celosia* L. (Amaranthaceae). Distr. — El Salvador.
- LAPALMAE Möhn, 1964a:94, pl. 18, figs. 239-252. Type-locality: El Salvador, Chalatenango, se. La Palma. Host — *Calea zacatechichi* Schlecht. (Compositae). Distr. — El Salvador.
- MARTELLI Nijveldt, 1967:125, figs. 1-10. Type-locality: Mexico, Mexico, Chapingo. Host — *Agave sp.* (Agavaceae). Distr. — Mexico.
- MELANTHERAE Möhn, 1964a:97, pl. 18, figs. 253-254. Type-locality: El Salvador, Consonate, nv. Salcoatitán. Host — *Melanthera nivea* (L.) Small (Compositae). Distr. — El Salvador.
- MERREMIAE Möhn, 1964a:70, pl. 10, figs. 125-126. Type-locality: El Salvador, La Libertad, nr. San Diego, e. La Libertad. Host — *Merremia umbellata* (L.) Hallier (Convolvulaceae). Distr. — El Salvador.
- MONTICOLA (Kieffer & Herbst), 1909:124, fig. 4 (*Lasioptera*). Type-locality: Chile, "Pennaloben" (Peñalolén). Host — *Asteriscium polycephalum* (Clos) Gill. & Hook. (Umbelliferae). Distr. — Chile.

- ODONTONEMAE Möhn, 1964a:91, pl. 17, figs. 222-229. Type-locality: El Salvador, Sonsonate, nr. Sonsonate, between Armenia and Izalco. Host — *Odontonema "stricta" (Nees) Kuntze* (Acanthaceae). Distr. — El Salvador.
- ORNATICORNIS (Kieffer & Jörgensen), 1910:368, figs. 5, 5a, 5b (*Lasioptera*). Type-locality: Argentina, Mendoza, nr. Chacras de Coria (11 km. s. Mendoza). Host — *Baccharis salicifolia* Pers. (Compositae). Distr. — Argentina. N. comb.
- PARVULA Möhn, 1964b:558, pl. 2, figs. 30-35; pl. 3, figs. 36-41. Type-locality: El Salvador, La Libertad, Boquerón Volcano, 1650 m. Host — *Calea integrifolia* (DC.) Hemsl. (Compositae). Distr. — El Salvador.
- PIRIQUETA (Felt), 1917:193 (*Lasioptera*). Type-locality: Puerto Rico, Mayaguez. Host — *Piriqueta ovata* Urban (Turneraceae). Distr. — Puerto Rico. N. comb.
- PORTULACAE (Cook), 1906:251 (*Cecidomyia*). Type-locality: Cuba. Host — *Portulaca oleracea* L. (Portulacaceae). Distr. — Cuba, St. Vincent. N. comb.
- portulacae* Felt, 1911j:84 (*Lasioptera*). Type-locality: St. Vincent.
- PSEUDOCALYMMAE Möhn, 1964a:84, pl. 15, figs. 194-208. Type-locality: El Salvador, La Libertad, nr. San Diego, e. La Libertad. Host — *Pseudocalymma macrocarpa* (J. D. Sm.) Sandw. (Bignoniaceae). Distr. — El Salvador.
- SALVADORENSIS Möhn, 1964a:88, pl. 16, figs. 211-219. Type-locality: El Salvador, San Miguel, s. El Delirio. Host — sp. of Bignoniaceae. Distr. — El Salvador.
- SALVIAE Möhn, 1964a:76, pl. 12, figs. 152-160. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Salvia occidentalis* Sw. (Labiatae). Distr. — El Salvador.
- SENECIONIS Möhn, 1964a:98, pl. 19, figs. 255-269. Type-locality: El Salvador, La Libertad, n. El Cimarrón. Host — *Senecio kermesinus* Hemsl. (Compositae). Distr. — El Salvador.
- SERJANIAE Möhn, 1964a:64, pl. 7, figs. 95-96; pl. 8, figs. 97-108. Type-locality: El Salvador, La Libertad, nw. Quezaltepeque, La Toma forest. Host — *Serjanea racemosa* Schum. (Sapindaceae). Distr. — El Salvador.
- SIDAE Möhn, 1964a:67, pl. 9, figs. 110-111. Type-locality: El Salvador, Chalatenango, nr. Citalá, on bank of Lempa R. Host — *Sida rhombifolia* L. (Moraceae). Distr. — El Salvador.
- TOURNEFORTIAE Möhn, 1964a:73, pl. 11, figs. 135-136. Type-locality: El Salvador, La Libertad, ne. Sitio del Niño. Host — *Tournefortia volubilis* L. (Boraginaceae). Distr. — El Salvador.
- TRIDENTIFERA (Kieffer & Jörgensen), 1910:398, fig. 27 (*Lasioptera*). Type-locality: Argentina, Mendoza, La Paz; San Juan, Cancete (n. Mendoza). Host — *Heliotropium curassavicum* L. (Boraginaceae). Distr. — Argentina. N. comb.
- URVILLEAE (Tavares), 1909:25, pl. 3, figs. 3-4 (*Lasioptera*). Type-locality: Brazil, Rio Grande do Sul, vic. São Leopoldo. Host — *Urvillea ulmacea* H. B. & K. (Sapindaceae). Distr. — Brazil. N. comb.
- VERBESINAE Möhn, 1964:100, pl. 19, figs. 270-272; pl. 20, figs. 273-283. Type-locality: El Salvador, Chalatenango, nr. La Palma. Hosts — *Verbesina fraseri* Hemsl., *V. sublobata* Benth., and *V. turbacensis* H. B. & K. (Compositae). Distr. — El Salvador.

VERNONIENSIS Möhn, 1964a:103, pl. 20, figs. 284-285. Type-locality: El Salvador, La Libertad, se. Ciudad Arce. Host — *Vernonia* sp. (Compositae). Distr. — El Salvador.

Subgenus DILASIOPTERA Möhn

Neolasioptera, subg. DILASIOPTERA Möhn, 1964b:570. Type-species, *serrata* Möhn (orig. des.).

SERRATA Möhn, 1964b:571, pl. 5, figs. 89-91; pl. 6, figs. 92-97. Type-locality: El Salvador, Chalatenango, se. La Palma. Host — *Calea zacatechichi* Schlecht. (Compositae). Distr. — El Salvador.

Genus NEUROLASIOPTERA Brèthes

NEUROLASIOPTERA Brèthes, 1922:138. Type-species, *baezi* Brèthes (mon.). This genus is probably a synonym of *Neolasioptera*.

BAEZI Brèthes, 1922:138. Type-locality: Argentina, Entre Rios, Paraná. Host — *Teucrium inslatum* Sw. (Labiatae). Distr. — Argentina.

Genus PHYSALIDICOLA Brèthes

PHYSALIDICOLA Brèthes, 1917a:240. Type-species, *argentata* Brèthes (orig. des.). This genus is probably a synonym of *Neolasioptera*.

ARGENTATA Brèthes, 1917a:240, figs. 1-3. Type-locality: Argentina, Buenos Aires, Buenos Aires. Host — *Physalis viscosa* L. (Solanaceae). Distr. — Argentina.

Genus TROTTERIA Kieffer

Choristoneura Rübsaamen, 1892:342 (preocc. Lederer, 1859). Type-species, *Cecidomyia obtusa* Loew (mon.).

TROTTERIA Kieffer, 1901:561 (nom. nov. for *Choristoneura* Rübsaamen). Type-species, *Cecidomyia obtusa* Loew (aut.).

CARYAE (Felt), 1907a:14 (*Choristoneura*). Type-locality: U.S.A., New York, Albany. Host — unknown. Distr. — U.S.A., Dominica (unpub.).

LINDNERI Möhn, 1963a:1, pl. 1, figs. 1-8. Type-locality: El Salvador, San Salvador, San Salvador. Host — *Indigofera suffruticosa* (Leguminosae), inquiline in galls of *Asphondylia indigoferae*. Distr. — El Salvador.

SALVADORENSIS Möhn, 1963a:3, pl. 1, figs. 9-17. Type-locality: El Salvador, San Vicente, forest nr. Río San Felipe, km 81. Host — *Ayenia pusilla* (Sterculiaceae) and *Boerhaavia erecta* (Nyctaginaceae), inquiline in galls of *Asphondylia ayeniae* and *A. boerhaaviae*, respectively. Distr. — El Salvador.

UNPLACED SPECIES OF LASIOPTERIDI

Adults unknown

CORDOBENSIS Kieffer & Jörgensen, 1910:363, fig. 1 (*Lasioptera*). Type-locality: Argentina, Córdoba, nr. Arias and La Carlota. Host — *Baccharis coridifolia* DC. (Compositae). Distr. — Argentina.

Supertribe CECIDOMYIIDI

Tribe ANADIPLOSINI

All known members of this tribe cause globular, hairy, leaf or stem galls.

Genus ANADIPLOSIS Tavares

- ANADIPLOSIS Tavares, 1916:41. Type-species, *pulchra* Tavares (orig. des.).
CAETETENSIS Tavares, 1920c:70, fig. 5. Type-locality: Brazil, Bahia, Caitité.
Host — a sp. of Leguminosae. Distr. — Brazil.
PROCERA Tavares, 1920c:66, fig. 4; pl. 1, figs. 1-6, 11-12, 17. Type-locality:
Brazil, Bahia, Salvador, Itaparica I. Host — *Mimosa* sp. (Legu-
minosae). Distr. — Brazil.
PULCHRA Tavares, 1916:42, figs. 3-6. Type-locality: Brazil, Rio de Janeiro,
Nova Friburgo. Host — *Mimosa* sp. (Leguminosae). Distr. —
Brazil.
VENUSTA Tavares, 1916:46, fig. 7(A-B)-9. Type-locality: Brazil, Rio de
Janeiro, Nova Friburgo. Host — *Machaerium* sp. (Leguminosae).
Distr. — Brazil.

Genus RUEBSAAMENODIPLOSIS Tavares

- RUEBSAAMENODIPLOSIS Tavares, 1920c:60-61. Type-species, *Uleela machaerii*
Kieffer (orig. des.).
MACHAERI (Kieffer), 1913a:101 (*Uleela*). Type-locality: "Brazil". Host —
Machaerium sp. (Leguminosae). Distr. — Brazil. Ref. — Rüb-
saamen, 1908a:120, fig. 2.

Genus ULEELA Rübsaamen

- ULEELA Rübsaamen, 1908a:120. Type-species, *dalbergiae* Rübsaamen (orig.
des., as gen. n., sp. n.).
DALBERGIAE Rübsaamen, 1908a:121, fig. 1. Type-locality: Brazil, Guanabara,
Rio de Janeiro, Jacarepaguá. Host — *Dalbergia* sp. (Legumi-
nosae). Distr. — Brazil.
DEPRESSA Kieffer, 1913a:101. Type-localities: Brazil, Amazonas, Belém and
Juruá Miri; Guanabara, Rio de Janeiro, Floresta da Tijuca; Santa
Catarina, Minas and Teresópolis. Host — *Polypodium crassifo-
lum* L. (Polypodiaceae). Distr. — Brazil. Ref. — Rübsaamen,
1908b:48.
GLOBULIFEX Kieffer, 1913a:101. Type-locality: Brazil, Rio de Janeiro, Serra
dos Órgãos. Host — *Neea* sp. (Nyctaginaceae). Distr. — Brazil.
Ref. — Rübsaamen, 1908b:25.
LIGNICOLA Kieffer, 1913a:101. Type-locality: Brazil, Rio de Janeiro, Serra
do Macaé. Host — *Dalbergia* sp. (Leguminosae). Distr. — Brazil.
Ref. — Rübsaamen, 1905:133.
LONGICAUDA Kieffer, 1913a:101. Type-locality: Brazil, Guanabara, vic. Rio
de Janeiro. Host — *Neea* sp. (Nyctaginaceae). Distr. — Brazil.
Ref. — Rübsaamen, 1908b:26.

- LONGISETA Kieffer, 1913a:101. Type-locality: Brazil, Amazonas, Marari, Juruá. Host — *Neea* sp. (Nyctaginaceae). Distr. — Brazil. Ref. — Rübsaamen, 1908b:23.
- MICRURA Kieffer, 1913a:101. Type-locality: Brazil, Santa Catarina. Host — *Neea* sp. (Nyctaginaceae). Distr. — Brazil. Ref. — Rübsaamen, 1908b:26.
- NEEANA Kieffer, 1913a:101. Type-locality: Brazil. Host — *Neea* sp. (Nyctaginaceae). Distr. — Brazil. Ref. — Rübsaamen, 1908a:121, fig. 3.
- RUEBSAAMENI Kieffer, 1913a:101. Type-locality: Brazil, Santa Catarina, Pedras Grandes. Host — *Dalbergia* sp. (Leguminosae). Distr. — Brazil. Ref. — Rübsaamen, 1905:133.

Tribe APHIDOLETINI

Genus THRIPSOBREMIA Barnes

- THRIPSOBREMIA Barnes, 1930:331. Type-species, *liothrips* Barnes (mon.)
- LIOTHIRIPS Barnes, 1930:331, fig. 1. Type-locality: Trinidad. Host — *Liothrips urichi* Karny (Insecta: Thysanoptera: Phlaeothripidae). Distr. — Trinidad.

Tribe CLINODIPLOSINI

Genus CLEITODIPLOSIS Tavares

- CLEITODIPLOSIS Tavares, 1921:108. Type-species, *Necrophlebia graminis* Tavares (mon.).
- GRAMINIS (Tavares), 1916:37, figs. 1-2 (*Necrophlebia*). Type-locality: Brazil, Bahia and Rio de Janeiro. Host — *Paspalum conjugatum* Berg. (Gramineae). Distr. — Brazil. Ref. — Tavares, 1921:109, figs. 5(1-2)-6.

Genus CLINODIPLOSIS Kieffer

- CLINODIPLOSIS Kieffer, 1895b:cclxxx. Type-species, *Diplosis cilicrus* Kieffer (orig. des.).
- CHLOROPHORAE Rübsaamen, 1905:82. Type-locality: Brazil, Rio de Janeiro, Fábrica. Host — *Chlorophora tinctoria* Gaudich. (Urticaceae). Distr. — Brazil.

Genus HOUARDODIPLOSIS Tavares

- HOUARDODIPLOSIS Tavares, 1925:13. Type-species, *rochae* Tavares (orig. des.).
- ROCHAE Tavares, 1925:14, figs. 1-2, pl. 1, fig. 4. Type-locality: Brazil, Ceará. Host — *Combretum leprosum* Mart. (Combretaceae). Distr. — Brazil.



Genus HYPERDIPLOSIS Felt

- HYPERDIPLOSIS Felt, 1908b:405. Type-species, *Cecidomyia lobata* Felt (orig. des.).
- AMERICANA Felt, 1911i:192. Type-locality: Panama, Canal Zone, Paraiso. Host — reared from dead *Ficus* sp. (Moraceae). Distr. — Panama.
- COFFEEAE Felt, 1911d:305. Type-locality: St. Vincent. Host — *Coffea libanica* Bull (Rubiaceae). Distr. — St. Vincent.
- EUPATORIUM Felt, 1911b:110. Type-locality: St. Vincent. Host — *Eupatorium* sp. (Compositae). Distr. — St. Vincent.
- PRODUCTA Felt, 1912a:177. Type-locality: St. Vincent. Host — *Stachytarpheta dichotoma* Vahl. (Verbenaceae). Distr. — St. Vincent.

Genus IATROPHOBIA Rübsaamen

- IATROPHOBIA Rübsaamen, 1916a:469. Type-species, *Clinodiplosis brasiliensis* Rübsaamen (mon.).
- Jatrophia* authors, unjustified emend.
- BRASILIENSIS (Rübsaamen), 1908a:156 (*Clinodiplosis*). Type-localities: Brazil: Amazonas, Fortaleza and Juruá Miri; Rio de Janeiro, Mauá and Palmeiras; Santa Catarina, Tubarão. Hosts — *Manihot aipi* Pohl, *M. dichotoma* Ule, and *M. utilisissima* Pohl (Euphorbiaceae). Distr. — St. Vincent, Tobago, Trinidad, Costa Rica (unpub.), Guyana, Surinam and Brazil.
- manihot* Felt, 1910a:268 (*Cecidomyia*). Type-locality: St. Vincent.

Genus PARALLELODIPLOSIS Rübsaamen

- PARALLELODIPLOSIS Rübsaamen, 1910:287 (also 1911:120). Type-species, *Diplosis gallipeda* Löw (mon.).
- CATTLEYAE (Molliard), 1903:165, pl. 2, figs. 1-18 (*Cecidomyia*). Type-locality: Brazil. Hosts — *Cattleya* spp. and *Laelia* spp. (Orchidaceae). Distr. — U.S.A., Mexico (unpub.), Guatemala, Costa Rica, Colombia and Brazil.
- cattleyae* Felt, 1908b:412 (*Clinodiplosis*). Type-locality: U.S.A., Massachusetts, South Natick.

Genus SCHISMATODIPLOSIS Rübsaamen

- Eudiplosis* Tavares, 1916:51 (preocc. Kieffer, 1894). Type-species, *parva* Tavares (orig. des.).
- SCHISMATODIPLOSIS Rübsaamen, 1916a:467. Type-species, *Clinodiplosis lantanae* Rübsaamen (mon.).
- Autodiplosis* Tavares, 1920b:106 (nom. nov. for *Eudiplosis* Tavares). Type-species, *Eudiplosis parva* Tavares (aut.). N. SYN.
- BAHIENSIS (Tavares), 1917b:145, pl. 6, figs. 1-2; pl. 8, figs. 1-2; pl. 9, figs. 1-4, 9-11 (*Eudiplosis*). Type-locality Brazil, Bahia, Salvador. Host — sp. of Compositae. Distr. — Brazil. N. COMB.

- CEARENSIS (Tavares), 1917b:153, pl. 9, figs. 5-7 (*Eudiplosis*). Type-locality: Brazil, Ceará, Fortaleza. Host — unknown. Distr. — Brazil. N. COMB.
- HERINGI (Tavares), 1925:45, figs. 13-14 (*Autodiplosis*). Type-locality: Brazil, Santa Catarina, Joinville. Host — *Aegiphila arborscens* Vahl. (Verbenaceae). Distr. — Brazil. N. COMB.
- LANTANAE (Rübsaamen), 1908a:151 (*Clinodiplosis*). Type-locality: Brazil, Rio de Janeiro, Cabo Frio and Palmeiras; Santa Catarina, Tubarão. Host — *Lantana* sp. (Verbenaceae). Distr. — Brazil.
- MARCETIAE (Tavares), 1917a:22, figs. 1-5 (*Eudiplosis*). Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Host — *Marcetia* sp. (Melastomataceae). Distr. — Brazil. N. COMB.
- PARVA (Tavares), 1916:51, fig. 7(C only), 10 (*Eudiplosis*). Type-locality: Brazil, Bahia, Salvador. Host — sp. of Papilionaceae. Distr. — Brazil. N. COMB.
- PULCHRA (Tavares), 1917b:pl. 10, figs. 3-7; pl. 11, fig. 6 (*Eudiplosis*). Type-locality: Brazil, Bahia, Salvador. Host — *Lantana* sp. (Verbenaceae). Distr. — Brazil. Ref. — Tavares, 1918b:31. N. COMB.
- RUBIAE (Tavares), 1918a:70, pl. 3, fig. 12 (*Eudiplosis*). Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Host — sp. of Rubiaceae. Distr. — Brazil. N. COMB.
- Unnamed sp., Tavares, 1918a:64, figs. 1-2; pl. 1, fig. 8. Host — *Solanum* sp. (Solanaceae). Distr. — Brazil, Bahia, vic. Salvador.

Tribe CONTARINIINI

Genus CONTARINIA Rondani

- Cecidomyia*, subg. CONTARINIA Rondani, 1860:289. Type-species, *Tipula loti* De Geer (orig. des.).
- GOSSYPH Felt, 1908a:210. Type-locality: Antigua. Hosts — *Gossypium* spp. (Malvaceae). Distr. — U.S.A. (Fla.), Tortola, St. Croix, Antigua, Montserrat and Barbados. Ref. — Barnes, 1949:94.
- LYCOPERSICI Felt, 1911d:303. Type-locality: St. Vincent. Host — *Lycopersicon esculentum* Mill. (Solanaceae). Distr. — Dominica, St. Lucia, St. Vincent, Barbados, Grenada, British Honduras and Guyana. Also, U.S.A. (Hawaii). Ref. — Barnes, 1946a:78.
- MEDICAGNIS Kieffer, 1895c:150. Type-locality: France. Host — *Medicago sativa* L. (Leguminosae). Distr. — Peru (unpub.), Europe. Ref. — Barnes, 1946b:43.
- SORGHICOLA (Coquillett), 1899:81 (*Diplosis*). Type-locality: U.S.A., Texas, College Station. Hosts — *Sorghum* spp. Distr. — U.S.A. (Calif. to Va, s. to Fla., and Hawaii), Dominican Republic (unpub.), Puerto Rico, Virgin Is (U.S.), St. Vincent, Curaçao, Trinidad, Venezuela, Brazil (unpub.) and Argentina. Also Africa, Aden, Indonesia and Australia. Ref. — Harris, 1964.
- palposa* Blanchard, 1958:423, figs. a-g. Type-locality: Argentina.

Genus SPHAERODIPLOSI Rübsaamen

SPHAERODIPLOSI Rübsaamen, 1916a:461. Type-species, *dubia* Rübsaamen (mon.).

DUBIA Rübsaamen, 1916a:461, figs. 35-37. Type-locality: Brazil. Host — undet. shrub. Distr. — Brazil.

Tribe HORMOMYIINI

Genus EPIHORMOMYIA Felt

EPIHORMOMYIA Felt, 1915a:155. Type-species, *auripes* Felt (mon.).

AURIPES Felt, 1915a:156. Type-locality: Guyana, Demerara, "Mallati". Host — unknown. Distr. — Guyana.

Tribe LESTODIPLOSINI

Genus ARTHROCINODAX Rübsaamen

ARTHROCINODAX Rübsaamen, 1895:189. Type-species, *vitis* Rübsaamen (Coullet, 1910b:510).

ABDOMINALIS (Felt), 1911c:128 (*Endaphis*). Type-locality: Peru, Piura, Piura. Host — undet. Acarina. Distr. — Peru.

CONSTRUCTUS Felt, 1914b:481. Type-locality: Puerto Rico, Rio Piedras. Host — "*Tetranychus bimaculatus*" (Acarina: Tetranychidae). Distr. — Puerto Rico.

INSULARIS (Felt), 1913a:305 (*Mycodiplosis*). Type-locality: Puerto Rico, Rio Piedras. Host — *Tetranychus tumidus* Banks (Acarina: Tetranychidae). Distr. — Puerto Rico. N. comb.

MERIDIONALIS Felt, 1912a:176. Type-locality St. Vincent. Host — *Eriophyes* sp. (Acarina: Eriophyidae). Distr. — St. Vincent.

Unnamed sp., Wolcott, 1936:332 (misident. as *macrofilus* Felt). Host — found on mite infested cattle feed. Distr. — Puerto Rico, Rio Piedras.

Genus LESTODIPLOSI Kieffer

LESTODIPLOSI Kieffer, 1894a:84. Type-species, *Cecidomyia pictipennis* Perris (Kieffer, 1895b:ccxxx).

COPRODIPLOSI Kieffer, 1894a:84. Type-species, *cryptalis* Kieffer (mon.).

BRAZILIENSIS (Tavares), 1920b:113 (*Coprodiplosis*). Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Host — *Mimosa* sp. (Leguminosae), predator or inquiline in galls of *Anadiplosis pulchra* Tavares. Distr. — Brazil.

PERUVIANA Felt, 1911a:10. Type-locality: Peru, Piura, Piura. Host — *Pinnaspis temporaria* Ferris (Insecta: Homoptera: Diaspididae). Distr. — Peru.

PICTURATA Felt, 1915a:156. Type-locality: Guyana, Essequibo, Bartica. Host — Unknown. Distr. — Guyana.



UNPLACED GENERA OF CECIDOMYIIDI

Genus ALEXOMYIA Felt

ALEXOMYIA Felt, 1921a:141. Type-species, *ciliata* Felt (orig. des.).

CILIATA Felt, 1921a:141. Type-locality: Brazil, Pará, Prata. Host — unknown. Distr. — Brazil.

Genus ALLODIPLOSIS Kieffer & Jörgensen

ALLODIPLOSIS Kieffer & Jörgensen, 1910:389. Type-species, *crassus* Kieffer & Jörgensen (mon.).

CRASSUS Kieffer & Jörgensen, 1910:389, figs. 20-24. Type-locality Argentina, Mendoza. Host — *Gourliea decorticans* Gill. (Leguminosae). Distr. — Argentina.

Genus ANDIRODIPLOSIS Tavares

ANDIRODIPLOSIS Tavares, 1920b:93. Type-species, *bahiensis* Tavares (mon.).

BAHIENSIS Tavares, 1920b:94, pl. 3, figs. 1-2. Type-locality: Brazil, Bahia, Salvador. Host — *Andira* sp. (Leguminosae). Distr. — Brazil.

Genus APODIPLOSIS Tavares

APODIPLOSIS Tavares, 1922:37. Type-species, *praecox* Tavares (orig. des.).

PRAECOX Tavares, 1922:35, figs. 7-8. Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Host — *Psychotria* sp. (Rubiaceae). Distr. — Brazil.

Genus ASTRODIPLOSIS Felt

ASTRODIPLOSIS Felt, 1913b:217. Type-species, *speciosa* Felt (orig. des.).

SPECIOSA Felt, 1913b:218. Type-locality: Guatemala, Puerto Barrios. Host — undet. vine. Distr. — Guatemala.

Genus AUSTRODIPLOSIS Brèthes

AUSTRODIPLOSIS Brèthes, 1914:154. Type-species, *argentina* Brèthes (orig. des.).

ARGENTINA Brèthes, 1914:154, fig. 4. Type-locality: Argentina, Buenos Aires, "General Urquiza". Host — unknown. Distr. — Argentina.

Genus CENTRODIPLOSIS Kieffer & Jörgensen

CENTRODIPLOSIS Kieffer & Jörgensen, 1910:405. Type-species, *crassipes* Kieffer & Jörgensen (present des.).



CRASSIPES Kieffer & Jörgensen, 1910:406, figs. 34-35. Type-locality: Argentina, Mendoza, nr. Chacras de Coria (11 km s. Mendoza). Host — *Lycium chilense* Bert. (Solanaceae). Distr. — Argentina.

Genus CHARIDIPLOSIS Tavares

CHARIDIPLOSIS Tavares, 1918a:80. Type-species, *concinna* Tavares (orig. des.).

CONCINNA Tavares, 1918a:81, pl. 4, figs. 2-12. Type-locality: Brazil, Bahia. Host — unknown. Distr. — Brazil.

Genus CLEODIPLOSIS Felt

CLEODIPLOSIS Felt, 1922:1. Type-species, *aleyrodici* Felt (orig. des.).

ALEYRODICI Felt, 1922:1. Type-locality: Panama, Panamá. Host — *Lecanoides giganteus* Quaintance & Baker (Insecta: Homoptera: Aleyrodidae). Distr. — Panama.

Genus COMPSODIPLOSIS Tavares

COMPSODIPLOSIS Tavares, 1909:14. Type-species, *luteoalbida* Tavares (mon.).

FRIBURGENSIS Tavares, 1915:150, figs. 3-5; pl. 6, figs. 8-12. Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Host — *Styrax* sp. (Styracaceae). Distr. — Brazil.

HUMILIS Tavares, 1915:154, figs. 6-7; pl. 6, fig. 1. Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Host — *Styrax* sp. (Styracaceae). Distr. — Brazil.

ITAPARICANA Tavares, 1922:41, figs. 9-10. Type-locality: Brazil, Bahia, Salvador, Itaparica I. Host — undet. plant. Distr. — Brazil.

LUTEALBIDA Tavares, 1909:14, pl. 2, figs. 2-6. Type-locality: Brazil, Rio Grande do Sul, vic. São Leopoldo. Host — *Smilax* sp. (Liliaceae). Distr. — Brazil.

TRISTIS Tavares, 1915:156, fig. 8; pl. 6, fig. 15. Type-locality: Brazil, Rio de Janeiro, Nova Friburgo. Host — *Styrax* sp. (Styracaceae). Distr. — Brazil.

Genus COQUILLETOMYIA Felt

COQUILLETOMYIA Felt, 1908b:398. Type-species, *Mycodiplosis lobata* Felt (orig. des.).

KNABI Felt, 1912d:154. Type-locality: Costa Rica, Limon, Limon. Host — unknown. Distr. — Costa Rica.

Genus CTENODACTYLOMYIA Felt

CTENODACTYLOMYIA Felt, 1915c:199. Type-species, *watsoni* Felt (orig. des.).

WATSONI Felt, 1915c:199, figs. 2-4. Type-locality: U.S.A., Florida, Palm Beach. Host — *Coccoloba laurifolia* Jacq. (Polygonaceae). Distr. — U.S.A., (Florida), Puerto Rico.



Genus CYSTODIPLOSI Kieffer & Jörgensen

CYSTODIPLOSI Kieffer & Jörgensen, 1910:395. Type-species, *longipennis* Kieffer & Jörgensen (mon.).

LONGIPENNIS Kieffer & Jörgensen, 1910:395, fig. 25. Type-locality: Argentina, Mendoza, Chacras de Coria (11 km s. Mendoza). Host — *Grabowskiya obtusa* Arn. (Solanaceae). Distr. — Argentina.

Genus DACTYLODIPLOSI Rübsaamen

DACTYLODIPLOSI Rübsaamen, 1916a:452. Type-species, *heisteriae* Rübsaamen (mon.).

HEISTERIAE Rübsaamen, 1916a:454, figs. 24-28, 29a, 30-31. Type-localities: Peru, Madre de Dios, Auristella on Rio Acre; Brazil, Acre, nr. San Francisco on Rio Acre. Host — *Heisteria cyanocarpa* Poepp & Endl. (Olacaceae). Distr. — Brazil, Peru.

Genus DELPHODIPLOSI Felt

DELPHODIPLOSI Felt, 1915a:155. Type-species, *cinctipes* Felt (orig. des.).

CINCTIPES Felt, 1915a:155. Type-locality: Guyana, Essequibo, Bartica. Host — unknown. Distr. — Guyana.

Genus DIADIPLOSI Felt

DIADIPLOSI Felt, 1911h:54. Type-species, *cocci* Felt (orig. des.).

BUSCKI Felt, 1914a:122. Type-locality: Puerto Rico. Host — sp. of Coccidac (Insecta: Homoptera). Distr. — Puerto Rico.

COCCKI Felt, 1911h:55. Type-locality: St. Vincent. Host — *Saissetia nigra* (Nietn.) (Insecta: Homoptera: Coccidac).

PSEUDOCOCCKI Felt, 1921b:225. Type-locality: Guyana. Host — *Dysmicoccus brevipes* (Ckll.) (Insecta: Homoptera: Pseudococcidae). Distr. — Guyana.

Genus EROSOMYIA Felt

EROSOMYIA Felt, 1911h:49. Type-species, *mangiferae* Felt (orig. des.).

MANGODIPLOSI Tavares, 1918a:47. Type-species, *mangiferae* Tavares (orig. des.). N. SYN.

MANGIFERAE Felt, 1911h:49. Type-locality: St. Vincent. Host — *Mangifera indica* L. (Anacardiaceae). Distr. — St. Vincent, Brazil.

mangiferae Tavares, 1918a:48, pl. 2, figs. 1-5 (*Mangodiplosis*). Type-locality: Brazil, Bahia, Salvador. N. SYN., N. COMB.

Genus FRAUENFELDIELLA Rübsaamen

FRAUENFELDIELLA Rübsaamen, 1905:122. Type-species, *coussapoe* Rübsaamen (orig. des., as gen. n., sp. n.).



COUSSAPOAE Rübsaamen, 1905:122. Type-localities: Brazil, Guanabara, Rio de Janeiro, Gávea; Amazonas, Juruá Miri. Host — *Coussapoa* sp. (Urticaceae). Distr. — Brazil.

Genus GNESIODIPLOSIS Tavares

GNESIODIPLOSIS Tavares, 1917b:162. Type-species, *itaparicae* Tavares (orig. des.).

ITAPARICAE Tavares, 1917b:162, pl. 8, figs. 3-4; pl. 9, figs. 2-5. Type-locality: Brazil, Bahia, Salvador, Itaparica I. Host — sp. of Rubiaceae. Distr. — Brazil.

Genus JORGENSENIA Kieffer

JORGENSENIA Kieffer, 1913a:148. Type-species, *Centrodiplosis falcigera* Kieffer & Jörgensen (orig. des.).

FALCIGERA (Kieffer & Jörgensen), 1910:411, figs. 37-39 (*Centrodiplosis*). Type-locality: Argentina, Mendoza. Host — *Lycium gracile* Meyen (Solanaceae). Distr. — Argentina.

Genus KALODIPLOSIS Felt

KALODIPLOSIS Felt, 1915b:229. Type-species, *Dicrodiplosis multifila* Felt (orig. des.).

MULTIFILA (Felt), 1908b:300 (*Dichrodiplosis* [sic]). Type-locality: Puerto Rico. Host — unknown. Distr. — Puerto Rico.

Genus KARSCHOMYIA Felt

KARSCHOMYIA Felt, 1908b:398. Type-species, *Mycodiplosis viburni* Felt (orig. des.).

TOWNSENDI Felt, 1912d:155. Type-locality: Peru, Jaen, Charapa R. Host — unknown. Distr. — Peru.

Genus LIEBELIOLA Kieffer & Jörgensen

LIEBELIOLA Kieffer & Jörgensen, 1910:428. Type-species, *prosopidis* Kieffer & Jörgensen (mon.).

PROSOPIDIS Kieffer & Jörgensen, 1910:428, fig. 52. Type-locality: Argentina, Mendoza and San Juan. Host — *Prosopis strombulifera* Benth. (Leguminosae). Distr. — Argentina.

Genus LOBODIPLOSIS Felt

LOBODIPLOSIS Felt, 1908b:397. Type-species, *Mycodiplosis acerina* Felt (orig. des.).

COCCIDARUM Felt, 1911g:195. Type-locality: St. Vincent. Host — *Planococcus citri* (Risso) (Insecta: Homoptera: Pseudococcidae). Distr. — St. Vincent.



PSEUDOCOCCI Felt, 1933:87. Type-locality: Hawaii, Oahu, Konia. Host — *Dysmicoccus brevipes* (Cockerell) (Insecta: Homoptera: Pseudococcidae). Distr. — Hawaii, Mexico.

SPINOSA Felt, 1909:301. Type-locality: Antigua, St. Johns. Host — unknown. Distr. — Antigua.

Genus LOPESIA Rübsaamen

LOPESIA Rübsaamen, 1908b:29. Type-species, *brasiliensis* Rübsaamen (mon.).

BRASILIENSIS Rübsaamen, 1908b:30, figs. 10-12. Type-localities: Brazil, Guanabara, vic. Rio de Janeiro; Santa Catarina. Host — *Ossaea* sp. (Melastomaceae). Distr. — Brazil.

Genus MACHAERIOBIA Rübsaamen

MACHAERIOBIA Rübsaamen, 1916a:448. Type-species, *brasiliensis* Rübsaamen (mon.).

BRASILIENSIS Rübsaamen, 1916a:448, figs. 18-23. Type-locality: "Brazil". Host — *Machaerium* sp. (Leguminosae). Distr. — Brazil.

Genus MEGAULUS Rübsaamen

MEGAULUS Rübsaamen, 1916a:461. Type-species, *sterculiae* Rübsaamen (mon.).

STERCULIAE Rübsaamen, 1916a:463, figs. 38-42. Type-locality: Brazil, Acre, São Francisco on Rio Acre and Bolivia, Pando, Cobija. Host — *Sterculia* sp. (Sterculiaceae). Distr. — Brazil.

Genus NEOBAEOMYZA Brèthes

NEOBAEOMYZA Brèthes, 1914:151. Type-species, *maculata* Brèthes (orig. des.).

AUSTRALIS Brèthes, 1914:152, fig. 2. Type-locality: Argentina, Buenos Aires. Host — unknown. Distr. — Argentina.

MACULATA Brèthes, 1914:151, fig. 1. Type-locality: Argentina, Buenos Aires. Host — unknown. Distr. — Argentina.

Genus OLEISICOCCUS Borgmeier

OLEISICOCCUS Borgmeier, 1931:186. Type-species, *costalimai* Borgmeier (orig. des.) = *coccidivora* (Felt).

Phagodiplosis Blanchard, 1938:345. Type-species, *haywardi* Blanchard (orig. des.). N. SYN.

COCCIDIVORA (Felt), 1911f:549 (*Mycodiplosis*). Type-locality: Jamaica, Kingston. Hosts — *Pulvinaria urbicola* Ckll. and *Saissetia coffeae* (Walker) (Insecta: Homoptera: Coccidae). Distr. — Jamaica, Brazil. Refs. — Parnell, 1966:51, figs. 1-11; Harris, 1966a:51.



costalimai Borgmeier, 1931:186, figs. 1-10. Type-locality: Brazil, São Paulo.

HAYWARDI (Blanchard), 1938:345, figs. a-f (*Phagodiplosis*). Type-locality: Argentina, Entre Rios, Concordia. Host — *Saissetia coffeae* (Walker). Distr. — Argentina. N. COMB. This species may be a synonym of *O. coccidivora* (Felt).

Genus OURADIPLOSIS Felt

OURADIPLOSIS Felt, 1915a:154. Type-species, *aurata* Felt (orig. des.).

AURATA Felt, 1915a:154. Type-locality: Brazil, Pará, Igarapé-Açu. Host — unknown. Distr. — Brazil.

Genus PLESIODIPLOSIS Kieffer

PLESIODIPLOSIS Kieffer, 1912a:1. Type-species, *Clinodiplosis chilensis* Kieffer & Herbst (orig. des.).

CHILENSIS (Kieffer & Herbst), 1906:231 (*Clinodiplosis*). Type-locality: Chile, Concepción, vic. Concepción. Host — unknown. Distr. — Chile.

Genus PSEUDENDAPHIS Barnes

PSEUDENDAPHIS Barnes, 1954:772. Type-species, *maculans* Barnes (mon.).

MACULANS Barnes, 1954:772. Type-locality: Trinidad. Host — *Toxoptera aurantii* (Fonsc.) (Insecta: Homoptera: Aphididae). Distr. — Trinidad.

Genus ROCHADIPLOSIS Tavares

ROCHADIPLOSIS Tavares, 1917a:33. Type-species, *tibouchinae* Tavares (orig. des.).

TIBOUCHINAE Tavares, 1917a:34, figs. 6-7; pl. 4, fig. 5; pl. 5, figs. 1-10. Type-locality: Brazil. Host — *Tibouchina* sp. (Melastomaceae). Distr. — Brazil.

Genus SCHIZODIPLOSIS Kieffer

SCHIZODIPLOSIS Kieffer, 1913c:233. Type-species, *Clinodiplosis floralis* Kieffer & Herbst (orig. des.).

FLORALIS (Kieffer & Herbst), 1906:233, pl. 1, figs. 5-6 (*Clinodiplosis*). Type-locality: Chile, Concepción, Concepción. Host — unknown. Distr. — Chile.

Genus SCOPODIPLOSIS Felt

SCOPODIPLOSIS Felt, 1915c:209. Type-species, *speciosa* Felt (orig. des.).

SPECIOSA Felt, 1915c:210. Type-locality: Paraguay, La Cordillera, San Bernardino. Host — unknown. Distr. — Paraguay



Genus SILVESTRINA Kieffer

SILVESTRINA Kieffer, 1912b:172. Type-species, *Arthrocnodax silvestrii* Kieffer (orig. des.).

SILVESTRII (Kieffer), 1910:133 (*Arthrocnodax*). Type-locality: Union of South Africa, Capetown. Host — *Pseudaulecaspis pentagona* (Targ.) (Insecta: Homoptera: Diaspididae). Distr. — Brazil (São Paulo), South Africa.

Genus STYRAXDIPLOSIIS Tavares

STYRAXDIPLOSIIS Tavares, 1915:147. Type-species, *caetitensis* Tavares (orig. des.).

Styracodiplosis Tavares, 1918b:77. Unjustified emend.

CAETITENSIS Tavares, 1915:147, figs. 1-2. Type-locality: Brazil, Bahia, Caitité. Host — *Styrax* sp. (Styracaceae). Distr. — Brazil.

CEARENSIS Tavares, 1925:20, pl. 1, fig. 8. Type-locality: Brazil, Ceará. Host — *Croton hemiargyreus* Muell. Arg. (Euphorbiaceae). Distr. — Brazil.

Genus TETRADIPLOSIIS Kieffer & Jörgensen

TETRADIPLOSIIS Kieffer & Jorgensen, 1910:421. Type-species, *sexdentatus* Kieffer & Jörgensen (mon.).

SEXDENTATUS Kieffer & Jörgensen, 1910:421, figs. 46-49. Type-locality: Argentina, Mendoza. Hosts — *Prosopis alpataco* Phil. & *P. campestriis* Griseb. (Leguminosae). Distr. — Argentina.

Genus TOXOMYIA Felt

TOXOMYIA Felt, 1911d:302. Type-species, *fungicola* Felt (orig. des.).

FUNGICOLA Felt, 1911d:302. Type-locality: St. Vincent. Host — *Puccinia* sp. (Basidiomycetes: Uredinales). Distr. — St. Vincent.

RUBIDA Felt, 1911g:194. Type-locality: St. Vincent. Host — *Uromyces pisi* (DC.) Oth (Basidiomycetes: Uredinales). Distr. — St. Vincent.

Genus TRISOPSIS Kieffer

TRISOPSIS Kieffer, 1912b:171. Type-species, *oleae* Kieffer (orig. des.).

EUFIDA Brèthes, 1914:154, fig. 4. Type-locality: Argentina, Buenos Aires, Buenos Aires. Host — unknown. Distr. — Argentina.

UNPLACED SPP. OF CECIDOMYIID

The following five species will be placed in their proper genera in a forthcoming review of the coccid-eating Cecidomyiidae by K. M. Harris.

- COCCI Felt, 1913a:304 (*Karschomyia*). Type-locality: Puerto Rico, Patillas. Host — *Saccharicoccus sacchari* (Ckll.) (Insecta: Homoptera: Pseudococcidae). Distr. — Puerto Rico.
- COCCIDARUM Cockerell, 1892:181, 4 figs. (*Diplosis*). Type-locality: Jamaica, Kingston. Hosts — *Planococcus citri* (Risso) and *Saissetia coffeae* Walker) (Insecta: Homoptera: Coccoidea). Distr. — Jamaica.
- COCCIDARUM Felt, 1911f:548 (*Dicrodiplosis*). Type-locality: Puerto Rico, Mayaguez. Host — "a coccid" (Insecta: Homoptera).
- GUATEMALENSIS Felt, 1938:43 (*Dicrodiplosis*). Type-locality: Guatemala. Host — "mealy bugs" (Insecta: Homoptera). Distr. — Guatemala.
- PULVINARIAE Felt, 1912a:175 (*Mycodiplosis*). Type-locality: St. Vincent. Host — *Protopulvinaria pyriformis* (Ckll.) (Insecta: Homoptera: Coccidae). Distr. — St. Vincent.

UNPLACED SPECIES OF CECIDOMYIIDAE

Adults known

- FLAVIDA Blanchard, 1852:350 (*Cecidomyia*). Type-locality: Chile, Coquimbo, Campos de la Serena. Distr. — Chile.
- FURCATA Philippi, 1865:631 (*Lasioptera*). Type-locality: Chile, Santiago, Santiago. Host — unknown. Distr. — Chile.
- GOLLMERI Karsch, 1880:297, pl. 6, fig. 8 (*Cecidomyia*). Type-locality: Venezuela, Caracas. Host — unknown. Distr. — Venezuela.
- PALLIPES Philippi, 1865:630 (*Lasioptera*). Type-locality: Chile, Santiago, Santiago. Host — unknown. Distr. — Chile.
- PICTIPES Williston, 1896:253 (*Diplosis*). Type-locality: St. Vincent. Host — unknown. Distr. — St. Vincent.
- UMBRA Walker, 1856:421 (*Cecidomyia*). Type-locality: South America. Host — unknown. Distr. — South America.
- UROSTIGMATIS Tavares, 1917b:169, pl. 10, figs. 9, 12; pl. 11, figs. 7,8 (*Asteromyia*). Type-locality: Brazil, Bahia, Salvador. Host — *Urostigma sp.* (Moraceae). Distr. — Brazil.
- Unnamed spp., 3 under *Diplosis*: Williston, 1896:254, pl. 8, fig. 2. Hosts — unknown. Distr. — St. Vincent.

Galls only known

- AVICENNIAE Cook, 1909:145 (*Cecidomyia*). Type-locality: Cuba. Host — *Avicennia nitida* Jacq. (Verbenaceae). Distr. — Cuba.
- BICONICA Cook, 1906:251 (*Cecidomyia*). Type-locality: Cuba, Oriente, Santiago de Cuba. Host — undet. plant. Distr. — Cuba.
- CAYAMASENSIS Cook, 1906:251 (*Cecidomyia*). Type-locality: Cuba, Santa Clara, Cayamas. Host — undet. plant. Distr. — Cuba.
- CECROPIAE Cook, 1909:145 (*Cecidomyia*). Type-locality: Cuba. Host — *Cecropia obtusa* Tréc. (Urticaceae). Distr. — Cuba.
- COCCOLOBAE Cook, 1909:145, pl. 41, fig. 2 (*Cecidomyia*). Type-locality: Cuba. Host — *Coccoloba uvifera* L. (Polygonaceae). Distr. — Cuba.

- EUPATORI Cook, 1909:144, pl. 40, fig. 2 (*Cecidomyia*). Type-locality: Cuba.
Host — *Eupatorium villosum* Sw. (Compositae). Distr. — Cuba.
- FICI Cook, 1909:145, pl. 41, fig. 3 (*Cecidomyia*). Type-locality: Cuba.
Host — *Ficus* sp. (Moraceae). Distr. — Cuba.
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INDEX

| | |
|---|-------|
| abdominalis (Felt), 1911 (Endaphis), <i>Arthrochodax</i> | 23.30 |
| achatoearpi Möhn, 1959, <i>Asphondylia</i> (<i>Asphondylia</i>) | 23.9 |
| aeuticaua Kieffer & Herbst, 1906, <i>Janetiella</i> | 23.7 |
| aeschnomensis Brèthes, 1918 (<i>Lasiopoda</i>), <i>Neolasiopoda</i> (<i>Neolasiopoda</i>) | 23.21 |
| agglomerata Kieffer, 1913, <i>Scheueria</i> | 23.8 |
| ajallai Möhn, 1959, <i>Asphondylia</i> (<i>Asphondylia</i>) | 23.9 |
| albida Tavares, 1909, <i>Guarephila</i> | 23.5 |
| albipes Felt, 1915, <i>Xenasphondylia</i> | 23.15 |
| Alexomyia Felt, 1921 | 23.31 |
| aleyrodici Felt, 1922, <i>Cleodiplosis</i> | 23.32 |
| Alloiplosis Kieffer & Jørgensen, 1910 | 23.31 |
| altani Felt, 1915, <i>Asphondylia</i> | 23.13 |
| Alycaulus Rübsaamen, 1916 | 23.19 |
| amaranthi Möhn, 1964, <i>Neolasiopoda</i> (<i>Neolasiopoda</i>) | 23.21 |
| Ameliomyia Möhn, 1960 | 23.16 |
| americana Felt, 1911, <i>Hyperdiplosis</i> | 23.23 |
| anacelliae Möhn, 1959, <i>Asphondylia</i> (<i>Asphondylia</i>) | 23.9 |
| Anadiplosini | 23.26 |
| Anadiplosis Tavares, 1916 | 23.26 |
| Anarete Haliday, 1833 | 23.1 |
| Anasphondylia Blanchard, 1939 | 23.18 |
| Anasphondylia Tavares, 1920 | 23.18 |
| andirae Möhn, 1959, <i>Asphondylia</i> (<i>Asphondylia</i>) | 23.9 |
| Andriodiplosis Tavares, 1920 | 23.31 |
| Angeliomyia Kieffer & Herbst, 1909 | 23.4 |
| annonae Möhn, 1959, <i>Asphondylia</i> (<i>Asphondylia</i>) | 23.9 |
| aphelandrae Möhn, 1964, <i>Neolasiopoda</i> (<i>Neolasiopoda</i>) | 23.21 |
| Aphidoletini | 23.27 |
| Apodiplosis Tavares, 1922 | 23.31 |
| ardisiae Möhn, 1959, <i>Asphondylia</i> (<i>Asphondylia</i>) | 23.9 |



| | |
|--|-------|
| argentata Brêthes, 1917, Physalidicola | 23.25 |
| argentina Brêthes, 1914, Austrodiplosis | 23.31 |
| armeniae Möhn, 1960, Pisoniamyia | 23.17 |
| Arthrocnodax Rübsaamen, 1895 | 23.30 |
| Asphondylia Loew, 1850 | 23.9 |
| Asphondyliidi | 23.9 |
| Asphondyliini | 23.9 |
| aspidospermae Blanchard, 1939 (Anasphondylia) | 23.18 |
| Asteromyia Felt, 1910 | 23.19 |
| Astrodiplosis Felt, 1913 | 23.31 |
| Asynapta Loew, 1850 | 23.3 |
| Asynaptini | 23.3 |
| atriplicis (Townsend), 1893 (Cecidomyia), Asphondylia | 23.13 |
| attenuatata Felt, 1909, Asphondylia | 23.13 |
| aurata Felt, 1915, Ouradiplosis | 23.36 |
| auripes Felt, 1915, Epihormomyia | 23.30 |
| australis Brêthes, 1914, Neobaeomyza | 23.35 |
| Austrodiplosis Brêthes, 1914 | 23.31 |
| Austrolauthia Brêthes, 1914 | 23.4 |
| Autodiplosis Tavares, 1920 | 23.28 |
| avicenniae Cook, 1909 (Cecidomyia) | 23.38 |
| ayeniae Möhn, 1960, Asphondylia (Eoasphondylia) | 23.12 |
| szarae (Kieffer), 1903 (Perrisia), Xyloperissia | 23.8 |
| | |
| baccharis Kieffer & Herbst, 1905, Asphondylia | 23.13 |
| Baccharomyia Tavares, 1917 | 23.19 |
| baezi Brêthes, 1922, Neurolasioptera | 23.25 |
| bahiensis Tavares, 1920, Andirodiplosis | 23.31 |
| bahiensis Tavares, 1917, Asphondylia | 23.13 |
| bahiensis (Tavares), 1917 (Eudiplosis), Schismatodiplosis | 23.28 |
| bedeguaris (Kieffer & Jörgensen), 1910 (Rhopalomyia), Panteliola | 23.7 |
| biconica Cook, 1906 (Cecidomyia) | 23.38 |
| bifida Brêthes, 1914, Trisopsis | 23.37 |
| boerhaaviae Möhn, 1959, Asphondylia (Asphondylia) | 23.9 |
| borreriae Möhn, 1964, Neolasioptera (Neolasioptera) | 23.22 |
| borreriae Rübsaamen, 1905, Asphondylia | 23.13 |
| Brachylasioptera Möhn, 1964 | 23.20 |
| brasiliensis Felt, 1915, Proasphondylia | 23.18 |
| brasiliensis (Rübsaamen), 1908 (Clinodiplosis), Iatrophobia | 23.28 |
| brasiliensis Rübsaamen, 1908, Lopesia | 23.35 |
| brasiliensis Rübsaamen, 1916, Machaeriobia | 23.35 |
| braziliensis Felt, 1915, Johnsonomyia | 23.4 |
| braziliensis Tavares, 1906, Bruggmannia | 23.16 |
| braziliensis Tavares, 1909, Bruggmanniella | 23.14 |
| braziliensis Tavares, 1922 (Perrisia), Dasineura | 23.5 |
| braziliensis (Tavares), 1920 (Coprodiplosis), Lestodiplosis | 23.30 |
| brevicornis (Felt), 1907 (Campylomyza), Corinthomya | 23.2 |
| brickelliae Möhn, 1964, Neolasioptera (Neolasioptera) | 23.22 |
| Bruggmannia Tavares, 1906 | 23.16 |
| Bruggmanniella Tavares, 1909 | 23.14 |
| buddleia Felt, 1935, Asphondylia (Asphondylia) | 23.9 |
| burserae Möhn, 1960, Burseramyia | 23.17 |
| Burseramyia Möhn, 1960 | 23.17 |
| buscki (Felt), 1915 (Microcerata), Anarete | 23.2 |
| buscki Felt, 1914, Diadiplosis | 23.33 |



| | |
|--|-------|
| cabezasae Möhn, 1959, Asphondylia (Asphondylia) | 23.9 |
| caetensis Tavares, 1920, Anadiplosis | 23.26 |
| caetensis Tavares, 1915, Styraxdiplosis | 23.37 |
| caleae Möhn, 1959, Asphondylia (Asphondylia) | 23.9 |
| caleae Möhn, 1964, Neolasioptera (Neolasioptera) | 23.22 |
| Calmonia Tavares, 1917 | 23.4 |
| Calopedila Kieffer, 1913 | 23.4 |
| camarae Möhn, 1959, Asphondylia (Asphondylia) | 23.9 |
| camarae Möhn, 1964, Neolasioptera (Neolasioptera) | 23.22 |
| Camptomyia Kieffer, 1894 | 23.3 |
| Camptoneuromyia Felt, 1908 | 23.20 |
| capsici Möhn, 1964, Neolasioptera (Neolasioptera) | 23.22 |
| caryae (Felt), 1907 (Choristoneura), Trotteria | 23.25 |
| cattleyae Felt, 1908 (Clinodiplosis), Parallelodiplosis | 23.28 |
| cattleyae (Molliard), 1902 (Cecidomyia), Parallelodiplosis | 23.28 |
| cayamasensis Cook, 1906 (Cecidomyia) | 23.38 |
| cearensis (Tavares), 1917 (Eudiplosis), Schismatodiplosis | 23.29 |
| cearensis Tavares, 1925, Styraxdiplosis | 23.37 |
| Cecidomyiidi | 23.26 |
| Cecidomyiinae | 23.4 |
| cecropiae Cook, 1909 (Cecidomyia) | 23.38 |
| celtis Möhn, 1964, Neolasioptera (Neolasioptera) | 23.22 |
| Centrodiplosis Kieffer & Jörgensen, 1910 | 23.31 |
| Geratomyia Felt, 1911 | 23.2 |
| cerei (Rübsaamen), 1905 (Lasioptera), Neolasioptera (Neolasiop- tera) | 23.22 |
| cestri Möhn, 1959, Asphondylia (Asphondylia) | 23.10 |
| cestri Möhn, 1964, Neolasioptera (Neolasioptera) | 23.22 |
| Charidiplosis Tavares, 1918 | 23.32 |
| chilensis (Kieffer & Herbst), 1909 (Perrisia), Dasineura | 23.5 |
| chilensis (Kieffer & Herbst), 1906 (Clinodiplosis), Plesioidiplosis | 23.36 |
| chlorophorae Rübsaamen, 1905, Clinodiplosis | 23.27 |
| Choristoneura Rübsaamen, 1892 | 23.25 |
| ciliata Felt, 1921, Alexomyia | 23.31 |
| cincta Felt, 1915, Johnsonomyia | 23.4 |
| cinctipes Felt, 1915, Delphodiplosis | 23.33 |
| cinerea Macquart, 1826, Lestremia | 23.2 |
| cissampeli Möhn, 1964, Neolasioptera (Neolasioptera) | 23.22 |
| cissi Möhn, 1959 Asphondylia (Asphondylia) | 23.10 |
| citrinae Felt, 1932, Asynapta | 23.3 |
| clavata Tavares, 1920 (Oxasphondylia) | 23.19 |
| clematicola Möhn, 1964, Neolasioptera (Neolasioptera) | 23.22 |
| Cleitodiplosis Tavares, 1921 | 23.27 |
| clematidis Felt, 1935, Asphondylia (Asphondylia) | 23.10 |
| Cleodiplosis Felt, 1922 | 23.32 |
| Clinodiplosini | 23.27 |
| Clinodiplosis Kieffer, 1895 | 23.27 |
| clusiae Rübsaamen, 1905, Uleia | 23.8 |
| cocci Felt, 1911, Diadiplosis | 23.33 |
| cocci Felt, 1913 (Karshomyia) | 23.38 |
| coccidarum Cockerell, 1892 (Diplosis) | 23.38 |
| coccidarum Felt, 1911 (Dicrodiplosis) | 23.38 |
| coccidarum Felt, 1911, Lobodiplosis | 23.34 |
| coccidivora (Felt), 1911 (Mycodiplosis), Oleisicoccus | 23.35 |
| coccobac Cook, 1909 (Cecidomyia) | 23.38 |



| | |
|---|-------|
| <i>coffea</i> Felt, 1911, <i>Hyperdiplosis</i> | 23.28 |
| <i>colliguayae</i> Kieffer & Herbst, 1911, <i>Riveraella</i> | 23.8 |
| <i>combreti</i> Möhn, 1964, <i>Neolasioptera</i> (<i>Neolasioptera</i>) | 23.22 |
| <i>compositarum</i> Möhn, 1964, <i>Neolasioptera</i> (<i>Neolasioptera</i>) | 23.22 |
| <i>Compsodiplosis</i> Tavares, 1909 | 23.32 |
| <i>concinna</i> Tavares, 1918, <i>Charidiplosis</i> | 23.32 |
| <i>constrictus</i> Felt, 1914, <i>Arthrocnodax</i> | 23.30 |
| <i>Contarinia</i> Rondani, 1860 | 23.29 |
| <i>Contariniini</i> | 23.29 |
| <i>convolvuli</i> Möhn, 1960, <i>Asphondylia</i> (<i>Eoasphondylia</i>) | 23.12 |
| <i>Coquillettomyia</i> Felt, 1908 | 23.32 |
| <i>Coprodiplosis</i> Kieffer, 1894 | 23.30 |
| <i>corbulae</i> Möhn, 1960, <i>Asphondylia</i> (<i>Asphondylia</i>) | 23.10 |
| <i>cordiae</i> Möhn, 1959, <i>Asphondylia</i> (<i>Asphondylia</i>) | 23.10 |
| <i>cordiae</i> Möhn, 1964, <i>Neolasioptera</i> (<i>Neolasioptera</i>) | 23.22 |
| <i>cordobensis</i> Kieffer & Jørgensen, 1910 (<i>Lasioptera</i>) | 23.25 |
| <i>Corinthomyia</i> Felt, 1911 | 23.2 |
| <i>costalimai</i> Borgmeier, 1931, <i>Oleisicoccus</i> | 23.36 |
| <i>coussapoeae</i> Rübsaamen, 1905, <i>Frauenfeldiella</i> | 23.34 |
| <i>crassipalpis</i> Kieffer & Jørgensen, 1910, <i>Asphondylia</i> | 23.13 |
| <i>crassipes</i> Kieffer & Jørgensen, 1910, <i>Centrodiplosis</i> | 23.32 |
| <i>crassus</i> Kieffer & Jørgensen, 1910, <i>Allodiplosis</i> | 23.31 |
| <i>Ctenodactylomyia</i> Felt, 1915 | 23.32 |
| <i>curatellae</i> Möhn, 1959, <i>Asphondylia</i> (<i>Asphondylia</i>) | 23.10 |
| <i>Cystodiplosis</i> Kieffer & Jørgensen, 1910 | 23.33 |
| <i>Dactylodiplosis</i> Rübsaamen, 1916 | 23.33 |
| <i>dalbergiae</i> Rübsaamen, 1908, <i>Uleela</i> | 23.26 |
| <i>dalechampiae</i> (Rübsaamen,) 1905 (<i>Meunieria</i>), <i>Neolasioptera</i> (<i>Neolasioptera</i>) | 23.22 |
| <i>Dasineura</i> Rondani, 1840 | 23.5 |
| <i>Dasyneura</i> Agassiz & Loew, 1846 | 23.5 |
| <i>Delphodiplosis</i> Felt, 1915 | 23.33 |
| <i>dentata</i> Möhn, 1964, <i>Neolasioptera</i> (<i>Neolasioptera</i>) | 23.22 |
| <i>depressa</i> Kieffer, 1913, <i>Uleela</i> | 23.26 |
| <i>Diadiplosis</i> Felt, 1911 | 23.33 |
| <i>Dialeria</i> Tavares, 1918 | 23.20 |
| <i>Dilasioptera</i> Möhn, 1964 | 23.25 |
| <i>Dolicholabis</i> Tavares, 1918 | 23.20 |
| <i>dubia</i> Rübsaamen, 1916, <i>Sphaerodiplosis</i> | 23.30 |
| <i>Eoasphondylia</i> Möhn, 1960 | 23.12 |
| <i>Epihormomyia</i> Felt, 1915 | 23.30 |
| <i>Epilasioptera</i> Möhn, 1964 | 23.20 |
| <i>erigerontis</i> (Felt), 1907 (<i>Choristoneura</i>), <i>Neolasioptera</i> (<i>Neolasioptera</i>) | 23.22 |
| <i>Erosomyia</i> Felt, 1911 | 23.33 |
| <i>erythroxyli</i> Möhn, 1964, <i>Neolasioptera</i> (<i>Neolasioptera</i>) | 23.23 |
| <i>erythroxyli</i> Möhn, 1959, <i>Asphondylia</i> (<i>Asphondylia</i>) | 23.10 |
| <i>Eudiplosis</i> Tavares, 1916 | 23.28 |
| <i>eugeniae</i> Felt, 1912, <i>Dasineura</i> | 23.5 |
| <i>eugeniae</i> Felt, 1913 (<i>Cystodiplosis</i>), <i>Stephomyia</i> | 23.18 |
| <i>eugeniae</i> Kieffer & Herbst, 1909, <i>Oligotrophus</i> | 23.6 |

| | |
|--|-------|
| eugeniae Tavares, 1916, Stephomyia | 23.18 |
| eupatoriensis Möhn, 1964, Isolasioptera | 23.21 |
| eupatorii Cook, 1909 (Cecidomyia) | 23.39 |
| eupatorii Felt, 1911, Hyperdiplosis | 23.28 |
| eupatorii Tavares, 1917, Geraldesia | 23.21 |
| exigua Möhn, 1964 Neolasioptera (Neolasioptera) | 23.23 |
| | |
| falcigera (Kieffer & Jörgensen), 1910 (Centrodiplosis), Jorgensenia | 23.34 |
| fariae (Tavares), 1922 (Luisieria), Neolasioptera (Neolasioptera) | 23.23 |
| Feltomyia Alexander, 1936 | 23.4 |
| Feltomyia Kieffer, 1913 | 23.16 |
| Feltomyia Alexander, 1937 | 23.4 |
| fici Cook, 1909 (Cecidomyia) | 23.39 |
| flavida Blanchard, 1852 (Cecidomyia) | 23.38 |
| floralis (Kieffer & Herbst), 1906 (Clinodiplosis), Schizodiplosis... | 23.36 |
| Frauenfeldiella Rübsaamen, 1905 | 23.33 |
| friburgensis Tavares, 1915, Compsodiplosis | 23.32 |
| friburgensis (Tavares), 1917 (Oxasphondylia), Rhoasphondylia .. | 23.15 |
| fungicola Felt, 1911, Toxomyia | 23.37 |
| furcata Philippi, 1865 (Lasioptera) | 23.38 |
| fusca Meigen, 1830, Lestremia | 23.2 |
| | |
| gardoquiae Kieffer & Herbst, 1905, Dasineura | 23.5 |
| Geraldesia Tavares, 1917 | 23.21 |
| gilibertiae Möhn, 1964, Brachylasioptera | 23.20 |
| Gisonobasis Rübsaamen, 1916 | 23.9 |
| globifex (Kieffer & Jörgensen), 1910 (Rhopalomyia), Misospatha.. | 23.5 |
| globulifex Kieffer, 1913, Uleela | 23.26 |
| Gnesiodiplosis Tavares, 1917 | 23.34 |
| godmaniae Möhn, 1959, Asphondylia (Asphondylia) | 23.10 |
| gollmeri Karsch, 1880 (Cecidomyia) | 23.38 |
| gossypii (Cpquillet), 1905 (Porricondyla), Asynapta | 23.3 |
| gossypii Felt, 1908, Contarinia | 23.29 |
| gracilicornis (Kieffer & Herbst), 1905 (Perrisia), Dasineura ... | 23.5 |
| graciliforceps (Kieffer & Jörgensen), 1910 (Lasioptera), Neola- | |
| sioptera (Neolasioptera) | 23.23 |
| gracilis Kieffer & Jörgensen, 1910, Lyciomyia | 23.7 |
| graminis (Tavares), 1916 (Necrophlebia), Cleitodiplosis | 23.27 |
| grandis Möhn, 1964, Neolasioptera (Neolasioptera) | 23.23 |
| guareae Möhn, 1959, Asphondylia (Asphondylia) | 23.10 |
| Guarephila Tavares, 1909 | 23.5 |
| guatemalensis Felt, 1938 (Dicrodiplosis) | 23.38 |
| gutierreziae Felt, 1916, Asteromyia | 23.19 |
| | |
| Haplopalpus Rübsaamen, 1916 | 23.6 |
| Haplusia Karsch, 1877 | 23.6 |
| haywardi Blanchard, 1938 (Phagodiplosis), Oleisicoccus | 23.36 |
| heisteriae Rübsaamen, 1916, Dactylodiplosis | 23.33 |
| helicteris Möhn, 1959, Aspondylia (Asphondylia) | 23.10 |
| heliocarpi Möhn, 1964, Neolasioptera (Neolasioptera) | 23.23 |
| Hemiasphondylia Möhn, 1960 | 23.14 |
| Hemibruggmaniella Möhn, 1961 | 23.14 |
| herbsti (Kieffer), 1903 (Rhopalomyia), Calopedilla | 23.5 |



| | |
|--|-------|
| herculesi Möhn, 1959, Asphondylia (Asphondylia) | 23.10 |
| Heterasphondylia Möhn, 1960 | 23.14 |
| Heteropezini | 23.3 |
| heterothalami (Kieffer & Jörgensen, 1910 (Lasioptera), Neolasioptera (Neolasioptera) | 23.23 |
| hieronymi (Weyenbergh), 1875 (Lasioptera), Asphondylia | 23.13 |
| Holoneura Kieffer, 1894 | 23.3 |
| Holoneurus Kieffer, 1895 | 23.3 |
| Hormomyiini | 23.30 |
| Houardodiplosis Tavares, 1925 | 23.27 |
| humilis Tavares, 1915, Compsodiplosis | 23.32 |
| Hyperdiplosis Felt, 1908 | 23.28 |
| hyptis Möhn, 1960, Asphondylia (Asphondylia) | 23.10 |
| hyptis Möhn, 1964, Neolasioptera (Neolasioptera) | 23.23 |
| Iatrophobia Rübsaamen, 1916 | 23.28 |
| iheringi (Tavares), 1925 (Autodiplosis), Schismatodiplosis | 23.29 |
| indigoferae Möhn, 1960, Asphondylia (Asphondylia) | 23.10 |
| indigoferae Möhn, 1964, Neolasioptera (Neolasioptera) | 23.23 |
| ingae Möhn, 1964, Neolasioptera (Neolasioptera) | 23.23 |
| insignis Tavares, 1922, Dolicholabis | 23.20 |
| insularis (Felt), 1913 (Mycodiplosis), Arthrocnodax | 23.30 |
| interrupta (Kieffer & Jörgensen), 1910 (Lasioptera), Neolasioptera (Neolasioptera) | 23.23 |
| ipomoeae Felt, 1910, Schizomyia | 23.18 |
| iresinis Möhn, 1964, Epilasioptera | 23.20 |
| ircsinis Möhn, 1964, Neolasioptera (Neolasioptera) | 23.23 |
| Isolasioptera Möhn, 1964 | 23.21 |
| itaparicae Tavares, 1917, Gnesiodiplosis | 23.34 |
| itaparicana Tavares, 1922, Composodiplosis | 23.32 |
| ituensis Tavares, 1917 (Oxasphondylia) | 23.19 |
| Janetiella Kieffer, 1898 | 23.6 |
| jatrophae Möhn, 1959, Asphondylia (Asphondylia) | 23.10 |
| <i>Jatrophobia</i> , emend. | 23.28 |
| johannseni (Felt), 1911 (Ceratomyia), Micromya | 23.2 |
| Johnsonomyia Felt, 1908 | 23.4 |
| Jorgensenia Kieffer, 1913 | 23.34 |
| Kalodiplosis Felt, 1915 | 23.34 |
| Karschomyia Felt, 1908 | 23.34 |
| knabi Felt, 1912, Coquillettomyia | 23.32 |
| lantanae (Rübsaamen), 1908 (Clinodiplosis), Schismatodiplosis ... | 23.29 |
| lantanae Tavares, 1918, Dolicholabis | 23.20 |
| lapalmae Möhn, 1964, Neolasioptera (Neolasioptera) | 23.23 |
| lapalmae Möhn, 1960, Polystepha | 23.16 |
| <i>Lasipteryx</i> Felt, misident | 23.7 |
| Lestodiplosini | 23.30 |
| Lestodiplosis Kieffer, 1894 | 23.30 |
| Lestremia Macquart, 1826 | 23.2 |
| Lestremiinae | 23.1 |
| Lestremiini | 23.1 |



| | |
|---|-------|
| Liebeliola Kieffer & Jörgensen, 1910 | 23.34 |
| lignicola Kieffer, 1913, Uleela | 23.26 |
| lindneri Möhn, 1963, Trotteria | 23.25 |
| liothripis Barnes, 1930, Thripsobremia | 23.27 |
| lipbiae Brèthes, 1917, Pseudomikiola | 23.8 |
| lipbiae (Kieffer & Jörgensen), 1910 (Rhopalomyia), Panteliola ... | 23.7 |
| lipbiae Möhn, 1959, Asphondylia (Asphondylia) | 23.10 |
| Lobodiplosis Felt, 1908. | 23.34 |
| Lobolasioptera Möhn, 1964 | 23.21 |
| lonchocarpi Möhn, 1960, Asphondylia (Asphondylia) | 23.10 |
| longicauda Kieffer, 1913, Uleela | 23.26 |
| longicornis Kieffer & Herbst, 1909, Pernettella | 23.7 |
| longicornis Kieffer & Herbst, 1909, Scheueria | 23.8 |
| longipennis Kieffer & Jörgensen, 1910, Cystodiplosis | 23.33 |
| longiseta Kieffer, 1913, Uleela | 23.27 |
| Lopesia Rübsaamen, 1908 | 23.35 |
| Luisieria Tavares, 1922 | 23.21 |
| luteoalbida Tavares, 1922, Compsodiplosis | 23.32 |
| lycicola Kieffer & Jörgensen, 1910, Oligotrophus | 23.6 |
| Lyciomyia Kieffer & Jörgensen, 1910 | 23.6 |
| lycopersici Felt, 1911, Contarinia | 23.29 |
| | |
| machaerii (Kieffer), 1913 (Uleela), Ruebsaamenodiplosis | 23.26 |
| Machaerobia Rübsaamen, 1916 | 23.35 |
| macrofilus Wolcott nec Felt, Arthrocnodax | 23.30 |
| Macroporpa Rübsaamen, 1916 | 23.17 |
| maculans Barnes, 1954, Pseudendaphis | 23.36 |
| maculata Brèthes, 1914, Neobaeomyza | 23.35 |
| malvavisci Möhn, 1959, Asphondylia (Asphondylia) | 23.11 |
| mangiferae Felt, 1909, Asynapta | 23.3 |
| mangiferae Felt, 1911, Erosomyia | 23.33 |
| mangiferae Tavares, 1918 (Mangodiplosis), Erosomyia | 23.33 |
| Mangodiplosis Tavares, 1918 | 23.33 |
| manihot Felt, 1910 (Cecidomyia), Iatrophobia | 23.28 |
| manihot (Felt), 1912 (Lasiapteryx), Phaenolauthia | 23.7 |
| manihoti Tavares, 1925, Schizomyia | 23.18 |
| marcetiae (Tavares), 1917 (Eudiplosis), Schismatodiplosis | 23.29 |
| martelli Nijveldt, 1967, Neolasioptera (Neolasioptera) | 23.23 |
| mazaina Cook, 1906 (Cecidomyia) | 23.39 |
| media Möhn, 1964, Lobolasioptera | 23.21 |
| medicaginis Kieffer, 1895, Contarinia | 23.29 |
| Megaulus Rübsaamen, 1916 | 23.35 |
| melantherae Möhn, 1959, Asphondylia (Asphondylia) | 23.11 |
| melantherae Möhn, 1964, Neolasioptera (Neolasioptera) | 23.23 |
| meridionalis Felt, 1912, Arthrocnodax | 23.30 |
| meridionalis Felt, 1910, Camptoneuromyia | 23.20 |
| merrimiae Möhn, 1964, Neolasioptera (Neolasioptera) | 23.23 |
| Metasphondylia Tavares, 1918 | 23.19 |
| Meunieria Rübsaamen, 1905 | 23.21 |
| Meunieriella Rübsaamen, 1909 | 23.21 |
| mexicana (Felt), 1911 (Bruggmanniella), Pisoniamyia | 23.17 |
| Miastor Meinert, 1864 | 23.3 |
| Microcerata Felt, 1908 | 23.1 |



| | |
|---|-------|
| Micromyza Rondani, 1840 | 23.2 |
| <i>Micromyza</i> , emend. | 23.2 |
| Micromyini | 23.2 |
| micrura Kieffer, 1913, Ulcela. | 23.27 |
| mikaniae Rübsaamen, 1916, Alycaulus | 23.19 |
| mimosae Möhn, 1960, Hemiasphondylia | 23.14 |
| mimosae (Tavares), 1925 (Schizomyia), Tavaresomyia | 23.15 |
| Misosphatha Kieffer, 1913 | 23.5 |
| modesta Williston, 1896, Trichopteromyia | 23.2 |
| monacha Osten Sacken, 1869, Asphondylia | 23.13 |
| monticola (Kieffer & Herbst), 1909 (Lasioptera), Neolasioptera (Neolasioptera) | 23.23 |
| montivaga Kieffer & Jörgensen, 1910, Janetiella | 23.7 |
| multifila (Felt), 1908 (Dichrodiplosis [sic]), Kalodiplosis | 23.34 |
| myrtacea Tavares, 1920, Anasphondylia | 23.19 |
| nectandrae Kieffer & Jörgensen, 1910, Oligotrophus | 23.6 |
| neeana Kieffer, 1913, Uleela | 23.27 |
| Neobaeomyza Brèthes, 1914 | 23.35 |
| Neolasioptera Felt, 1908 | 23.21 |
| Neurolasioptera Brèthes, 1922 | 23.25 |
| nigra Blanchard, 1852, Lestremia | 23.2 |
| oblita (Tavares), 1920 (Bruggmanniella), Hemibruggmanniella ... | 23.14 |
| occidentalis Felt, 1911, Holoneurus | 23.3 |
| ocimi Möhn, 1959, Asphondylia (Asphondylia) | 23.11 |
| odontonemae Möhn, 1964, Neolasioptera (Neolasioptera) | 23.24 |
| Oleisicoccus Borgmeyer, 1931 | 23.35 |
| Oligotrophidi | 23.4 |
| Oligotrophus Latreille, 1805 | 23.6 |
| opuntiae Felt, 1908, Asphondylia | 23.13 |
| oreiplana (Kieffer & Jörgensen), 1910 (Rhopalomyia), Misosphatha. | 23.6 |
| ornaticornis (Kieffer & Jörgensen), 1910 (Lasioptera), Neolasioptera (Neolasioptera) | 23.24 |
| Ouradiplosis Felt, 1915 | 23.36 |
| <i>Oxasphondylia</i> Felt, 1915 | 23.15 |
| <i>Ozobia</i> Kieffer, 1913 | 23.15 |
| palaciosi Möhn, 1959, Asphondylia (Asphondylia) | 23.11 |
| pallida Enderlein, 1940, Psadaria | 23.2 |
| pallipes Phillippi, 1865 (Lasioptera) | 23.38 |
| palposa Blanchard, 1958, Contarinia | 23.29 |
| Panteliola Kieffer, 1913 | 23.7 |
| Parallelodiplosis Rübsaamen, 1910 | 23.28 |
| parasitica Möhn, 1960, Asphondylia (Asphondylia) | 23.11 |
| parrishi (Felt), 1915 (Porricondylia), Camptomys | 23.3 |
| parva Tavares, 1917, Asphondylia | 23.13 |
| parva (Tavares), 1916 (Eudiplosis), Schismatodiplosis | 23.29 |
| parvula Möhn, 1964, Neolasioptera (Neolasioptera) | 23.24 |
| pattersoni Felt, 1911, Asphondylia | 23.13 |
| Perasphondylia Möhn, 1960 | 23.14 |
| Pernettyella Kieffer & Herbst, 1909 | 23.7 |
| Perrisia Rondani, 1846 | 23.5 |

| | |
|---|-------|
| <i>peruviana</i> Felt, 1911, <i>Lestodiplosis</i> | 23.30 |
| <i>peruviana</i> Rübsaamen, 1916, <i>Macroporpa</i> | 23.17 |
| <i>Phaenolauthia</i> Kieffer, 1912 | 23.7 |
| <i>Phagodiplosis</i> Blanchard, 1938 | 23.35 |
| <i>Physalidicola</i> Brèthes, 1917 | 23.25 |
| <i>pictipes</i> Williston, 1896 (<i>Diplosis</i>) | 23.38 |
| <i>picturata</i> Felt, 1915, <i>Lestodiplosis</i> | 23.30 |
| <i>piperis</i> Rübsaamen, 1908, <i>Zalepidota</i> | 23.15 |
| <i>piriqueta</i> (Felt), 1917 (<i>Lasioptera</i>), <i>Neolasioptera</i> (<i>Neolasioptera</i>) | 23.24 |
| <i>pisoniae</i> Cook, 1909 (<i>Cecidomyia</i>) | 23.39 |
| <i>pisoniae</i> (Felt), 1912 (<i>Bruggmanniella</i>), <i>Bruggmannia</i> | 23.16 |
| <i>pisonifolia</i> (Felt), 1912 (<i>Uleela</i>), <i>Bruggmannia</i> | 23.16 |
| <i>Pisoniomyia</i> Möhn, 1960 | 23.17 |
| <i>Pisphondylia</i> Möhn, 1960 | 23.17 |
| <i>Placochela</i> Rübsaamen, 1916 | 23.17 |
| <i>Plesioidiplosis</i> Kieffer, 1912 | 23.36 |
| <i>plumipes</i> Karsch, 1877, <i>Haplusia</i> | 23.6 |
| <i>polymera</i> (Alexander), 1936 (<i>Feltomyia</i>), <i>Feltomyia</i> | 23.4 |
| <i>Polystepha</i> Kieffer, 1897 | 23.16 |
| <i>Polystephini</i> | 23.16 |
| <i>Porricondylinae</i> | 23.3 |
| <i>Porricondyliini</i> | 23.3 |
| <i>portulacae</i> (Cook), 1906 (<i>Cecidomyia</i>), <i>Neolasioptera</i> (<i>Neolasiop- tera</i>) | 23.24 |
| <i>portulacae</i> (Felt), 1911 (<i>Lasioptera</i>), <i>Neolasioptera</i> (<i>Neolasiop- tera</i>) | 23.24 |
| <i>portulacae</i> Möhn, 1959, <i>Asphondylia</i> (<i>Asphondylia</i>) | 23.11 |
| <i>praecox</i> Tavares, 1922, <i>Apodiplosis</i> | 23.31 |
| <i>Proasphondylia</i> Felt, 1915 | 23.18 |
| <i>procera</i> Tavares, 1920, <i>Anadiplosis</i> | 23.26 |
| <i>producta</i> Felt, 1912, <i>Hyperdiplosis</i> | 23.28 |
| <i>Promikiola</i> Kieffer & Herbst, 1911 | 23.7 |
| <i>prosopidis</i> Kieffer & Jorgensen, 1910, <i>Liebeliola</i> | 23.34 |
| <i>prosopidis</i> (Kieffer & Jørgensen), 1910 (<i>Rhopalomyia</i>), <i>Misopatha</i> | 23.6 |
| <i>Psadaria</i> Enderlein, 1940 | 23.2 |
| <i>Pseudendaphis</i> Barnes, 1954 | 23.36 |
| <i>pscudocalymmae</i> Möhn, 1964, <i>Neolasioptera</i> (<i>Neolasioptera</i>) | 23.24 |
| <i>pseudococci</i> Felt, 1921, <i>Diadiplosis</i> | 23.33 |
| <i>pseudococci</i> Felt, 1933, <i>Lobodiplosis</i> | 23.35 |
| <i>Pseudomikiola</i> Brèthes, 1917 | 23.8 |
| <i>psychotriae</i> Möhn, 1959, <i>Asphondylia</i> (<i>Asphondylia</i>) | 23.11 |
| <i>psychotriae</i> Möhn, 1960, <i>Bruggmannia</i> | 23.16 |
| <i>pulchra</i> Tavares, 1916, <i>Anadiplosis</i> | 23.26 |
| <i>pulchra</i> (Tavares), 1917 (<i>Eudiplosis</i>), <i>Schismatodiplosis</i> | 23.29 |
| <i>pulvinariae</i> Felt, 1912 (<i>Mycodiplosis</i>) | 23.38 |
| <i>pustulans</i> Möhn, 1960, <i>Bruggmannia</i> | 23.16 |
| <i>ramosina</i> Tavares, 1917, <i>Baccharomyia</i> | 23.19 |
| <i>randiae</i> Möhn, 1959, <i>Asphondylia</i> (<i>Asphondylia</i>) | 23.11 |
| <i>randiae</i> Möhn, 1960, <i>Bruggmannia</i> | 23.17 |
| <i>reticulata</i> (Felt), 1915 (<i>Oxasphondylia</i>), <i>Zalepidota</i> | 23.15 |
| <i>reticulata</i> Möhn, 1960, <i>Perasphondylia</i> | 23.14 |
| <i>Rhoasphondylia</i> Möhn, 1960 | 23.15 |

| | |
|---|-------|
| Riveraella Keiffer & Herbst, 1911 | 23.8 |
| Rochadiplosis Tavares, 1917 | 23.36 |
| rochae Tavares, 1918, Asphondylia | 23.13 |
| rochae Tavares, 1925, Houardodiplosis | 23.27 |
| rondeletiae Möhn, 1959, Asphondylia (Asphondylia) | 23.11 |
| rotunda Möhn, 1964, Brachylasioptera | 23.20 |
| rubiae (Tavares), 1918 (Eudiplosis), Schismatodiplosis | 23.29 |
| rubida Felt, 1911, Toxomyia | 23.37 |
| rubra Kieffer & Herbst, 1911, Promikiola. | 23.8 |
| ruebsaameni Kieffer, 1913, Uleela | 23.27 |
| Ruebsaamenodiplosis Tavares, 1920 | 23.26 |
| ruelliae Möhn, 1959, Asphondylia (Asphondylia) | 23.11 |
| salvadorensis Möhn, 1959, Asphondylia (Asphondylia) | 23.11 |
| salvadorensis Möhn, 1960, Heterasphondylia | 23.14 |
| salvadorensis Möhn, 1964, Neolasioptera (Neolasioptera) | 23.24 |
| salvadorensis Möhn, 1960, Pisphondylia | 23.17 |
| salvadorensis Möhn, 1960, Polystepha | 23.16 |
| salvadorensis Möhn, 1963, Trotteria | 23.25 |
| salviae Möhn, 1964, Neolasioptera (Neolasioptera) | 23.24 |
| salviae Möhn, 1960, Sciasphondylia | 23.15 |
| Scheueria Kieffer & Herbst, 1909 | 23.8 |
| Schismatodiplosis Rübsaamen, 1916 | 23.28 |
| Schizodiplosis Kieffer, 1913 | 23.36 |
| Schizomyia Kieffer, 1889 | 23.18 |
| Schizomyiini | 23.16 |
| Sciasphondylia Möhn, 1960 | 23.15 |
| schwarzi (Felt), 1911 (Lasiopteryx), Janetella | 23.7 |
| scopariae Möhn, 1959, Asphondylia (Asphondylia) | 23.11 |
| Scopodiplosis Felt, 1915 | 23.36 |
| senecionis Möhn, 1964, Neolasioptera (Neolasioptera) | 23.24 |
| serjaneae Rübsaamen, 1916, Haplopalpus | 23.6 |
| serjaniae Möhn, 1959, Asphondylia (Asphondylia) | 23.11 |
| serjaniae Möhn, 1964, Neolasioptera (Neolasioptera) | 23.24 |
| serjaniae Möhn, 1960, Placochela | 23.18 |
| serrata Möhn, 1964, Neolasioptera (Dilasioptera) | 23.25 |
| sexdentatus Kieffer & Jörgensen, 1910, Tetradiplosis | 23.37 |
| siccae Felt, 1908, Asphondylia | 23.13 |
| sidae Möhn, 1964, Neolasioptera (Neolasioptera) | 23.24 |
| silvestrii (Kieffer), 1910 (Arthrocnodax), Silvestrina | 23.37 |
| Silvestrina Kieffer, 1912 | 23.37 |
| similis Möhn, 1960 Pisoniamyia | 23.17 |
| sorghicola (Coquillett), 1899 (Diplosis), Contarinia | 23.29 |
| speciosa Felt, 1913, Astrodiplosis | 23.31 |
| speciosa Felt, 1915, Scopodiplosis | 23.36 |
| spgazzini Brèthes, 1914, Austrolauthia | 23.4 |
| Sphaerodiplosis Rübsaamen, 1916 | 23.30 |
| spinosa Felt, 1909, Lobodiplosis | 23.35 |
| spinulosa Kieffer & Herbst, 1909, Angeliomyia | 23.4 |
| squamosa Tavares, 1918, Metasphondylia | 23.19 |
| stachytarpheta Barnes, 1932, Asphondylia | 23.13 |
| stachytarphetae Barnes, 1932, Schizomyia | 23.18 |
| sterculiae Rübsaamen, 1916, Megaulus | 23.35 |
| Stephomyia Tavares, 1916 | 23.18 |



| | |
|--|-------|
| struthanthi (Rübsaamen), 1916 (Gisonobasis) Asphondylia | 23.13 |
| styracis Tavares, 1918, Dialeria | 23.20 |
| <i>Styracodiplosis</i> Tavares, 1918 | 23.37 |
| <i>Styraxdiplosis</i> Tavares, 1915 | 23.37 |
| subinermis (Kieffer & Herbst), 1911 (Perrisia), Dasineura | 23.5 |
| sulphurea Tavares, 1909, Asphondylia | 23.13 |
| swaedicola Kieffer & Jörgensen, 1910, Asphondylia | 23.13 |
| tabernaemontanae Möhn, 1959, Asphondylia (Asphondylia) | 23.11 |
| talini Möhn, 1959, Asphondylia (Asphondylia) | 23.11 |
| tavaresi (Kieffer), 1913 (Ozobia), Zalepidota | 23.16 |
| Tavaresomyia Möhn, 1961 | 23.15 |
| Tetradiplosis Kieffer & Jörgensen, 1910 | 23.37 |
| thevetiae Möhn, 1959, Asphondylia (Asphondylia) | 23.11 |
| Thripsobremia Barnes, 1930 | 23.27 |
| tibouchinae Tavares, 1917, Rochadiplosis | 23.36 |
| tithoniae, Möhn, 1960, Asphondylia (Asphondylia) | 23.12 |
| torreana Cook, 1906 (Cecidomyia) | 23.39 |
| tournefortiae Möhn, 1964, Neolasioptera (Neolasioptera) | 23.24 |
| tournefortiae (Rübsaamen), 1916 (Gisonobasis), Asphondylia (Asphondylia) | 23.12 |
| townsendi Felt, 1912, Karschomyia | 23.34 |
| Toxomyia Felt, 1911 | 23.37 |
| trichilliae Möhn, 1959, Asphondylia (Asphondylia) | 23.12 |
| Trichopteromyia Williston, 1896 | 23.2 |
| tricyclae (Kieffer & Jörgensen), 1910 (Rhopalomyia), Misospatha | 23.6 |
| tridentifera (Kieffer & Jörgensen), 1910, Neolasioptera (Neolasioptera) | 23.19 |
| trilobata Möhn, 1964, Alycaulus | 23.19 |
| Trisopsis Kieffer, 1912 | 23.37 |
| tristis Tavares, 1922, Compsodiplosis | 23.32 |
| trixidis Möhn, 1959, Asphondylia (Asphondylia) | 23.12 |
| Trotteria Kieffer, 1901 | 23.25 |
| Uleela Rübsaamen, 1908 | 23.26 |
| ulei Rübsaamen, 1908, Asphondylia | 23.14 |
| ulei Rübsaamen, 1916, Macroporpa | 23.17 |
| Uleia Rübsaamen, 1905 | 23.8 |
| umbra Walker, 1856 (Cecidomyia) | 23.38 |
| urostigmatis Tavares, 1917 (Asteromyia) | 23.38 |
| urostigmatis Tavares, 1917, Calmonia | 23.4 |
| urvilleae (Tavares), 1909 (Lasioptera), Neolasioptera (Neolasioptera) | 23.24 |
| venusta Tavares, 1916, Anadiplosis | 23.26 |
| verbenae (Kieffer & Jörgensen), 1910 (Rhopalomyia), Misospatha | 23.6 |
| verbesinae Möhn, 1964, Neolasioptera (Neolasioptera) | 23.24 |
| vernoniensis Möhn, 1964, Neolasioptera (Neolasioptera) | 23.25 |
| vincenti Felt, 1911, Asphondylia (Asphondylia) | 23.12 |



| | |
|--|-------|
| waltheriae Möhn, 1959, Asphondylia (Asphondylia) | 23.12 |
| watsoni Felt, 1915, Ctenodactylomyia | 23.32 |
| Winnertzia Rondani, 1860 | 23.3 |
| Winnertziini | 23.3 |
| Xenasphondylia Felt, 1915 | 23.15 |
| ximeniae Möhn, 1959, Asphondylia (Asphondylia) | 23.12 |
| Xyloperrisia Kieffer, 1913 | 23.8 |
| xylosmatis Möhn, 1959, Asphondylia (Asphondylia) | 23.12 |
| zacatechichi Möhn, 1960, Asphondylia (Asphondylia) | 23.12 |
| Zalepidota Rübsaamen, 1908 | 23.15 |
| zexmeniae Möhn, 1960, Ameliomyia | 23.16 |
| zexmeniae Möhn, 1960, Asphondylia (Asphondylia) | 23.12 |

HOST INDEX

ANIMAL HOSTS

| | |
|----------------------------------|---------------|
| Acarina, undet | 23.30 |
| Coccidae, sp. of | 23.33 |
| "coccid" | 23.38 |
| Dysmicoccus brevipes | 23.34, 35 |
| Eriophyes sp. | 23.30 |
| Lecanoideus giganteus | 23.32 |
| Liothrips urichi | 23.27 |
| "mealy bugs" | 23.38 |
| Pinnaspis temporaria | 23.30 |
| Planococcus citri | 23.34 |
| Protopulvinaria pyriformis | 23.38 |
| Pseudaulacaspis pentagona | 23.37 |
| Pulvinaria urbicola | 23.35 |
| Saccharicoccus sacchari | 23.38 |
| Saissetia coffeae | 23.35, 36, 38 |
| S. nigra | 23.33 |
| Tetranychus bimaculatus | 23.30 |
| T. tumidus | 23.30 |
| Toxoptera aurantii | 23.36 |

PLANT HOSTS

| | |
|--|-------|
| Achatocarpus nigricans (Amaranthaceae) | 23.9 |
| Aegiphila arborescens (Verbenaceae) | 23.29 |
| Aeschynomene montevidensis (Leguminosae) | 23.21 |
| Agave sp. (Agavaceae) | 23.23 |
| Amaranthus spinosus (Amaranthaceae) | 23.21 |
| Anacardiaceae, sp. of. | 23.14 |
| Andira inermis (Leguminosae) | 23.9 |
| Andira sp. (Leguminosae) | 23.31 |



| | |
|---|-------------|
| <i>Anona cherimola</i> (Anonaceae) | 23.9 |
| <i>Aphelandra deppeana</i> (Acanthaceae) | 23.21 |
| <i>Ardisia paschalis</i> (Myrsinaceae) | 23.9 |
| <i>Aspidosperma quebrachoblanco</i> (Apocynaceae) | 23.18 |
| <i>Asteriscium polycephalum</i> (Umbelliferae) | 23.23 |
| <i>Atriplex canescens</i> (Chenopodiaceae) | 23.13 |
| <i>Avicennia nitida</i> (Verbenaceae) | 23.38 |
| <i>Ayenia pusilla</i> (Sterculiaceae) | 23.12,25 |
| <i>Baccharis bogotensis</i> (Compositae) | 23.5 |
| <i>B.coridifolia</i> (Compositae) | 23.25 |
| <i>B.dracunculifolia</i> (Compositae) | 23.15 |
| <i>B.eupatorioides</i> (Compositae) | 23.8 |
| <i>B.genistelloides</i> (Compositae) | 23.19 |
| <i>B.rosmarinifolia</i> (Compositae) | 23.5 |
| <i>B.salicifolia</i> (Compositae) | 23.5,13,24 |
| <i>B.schultzii</i> (Compositae) | 23.15 |
| <i>B.subulata</i> (Compositae) | 23.23 |
| <i>B.trinervis</i> (Compositae) | 23.15 |
| <i>Baccharis</i> sp. (Compositae) | 23.13 |
| <i>Bidens squarrosa</i> (Compositae) | 23.9 |
| Bignoniaceae, sp. of. | 23.24 |
| <i>Boerhaavia erecta</i> (Nyctaginaceae) | 23.9,25 |
| <i>Borreria verticillata</i> (Rubiaceae) | 23.22 |
| <i>Borreria</i> sp. (Rubiaceae) | 23.13 |
| <i>Brickellia pacayensis</i> (Compositae) | 23.22 |
| <i>Buddleia americana</i> (Loganiaceae) | 23.7 |
| <i>Buddleia racemosa</i> (Loganiaceae) | 23.7 |
| <i>Bursera grummifera</i> (Burseraceae) | 23.17 |
| <i>Calea integrifolia</i> (Compositae) | 23.9,22,24 |
| <i>C.zacatechichi</i> (Compositae) | 23.12,23,25 |
| <i>Capsicum baccatum</i> (Solanaceae) | 23.22 |
| <i>Casearia banquitana</i> (Samydaceae) | 23.12 |
| <i>Cattleya</i> spp. (Orchidaceae) | 23.28 |
| <i>Cecropia obtusa</i> (Urticaceae) | 23.38 |
| <i>Celtis iguanea</i> (Urticaceae) | 23.22 |
| <i>Cereus setaceus</i> (Cactaceae) | 23.22 |
| <i>Cestrum aurantiacum</i> (Solanaceae) | 23.22 |
| <i>C.lanatum</i> (Solanaceae) | 23.22 |
| <i>C.nocturnum</i> (Solanaceae) | 23.10 |
| <i>Chlorophora tinctoria</i> (Urticaceae) | 23.27 |
| <i>Cissampelos pareira</i> (Menispermaceae) | 23.22 |
| <i>Cissus sicyoides</i> (Vitaceae) | 23.10 |
| <i>Citharexylum quadrangulare</i> (Verbenaceae) | 23.13 |
| <i>citrus</i> | 23.3 |
| <i>Clematis dioica</i> (Ranunculaceae) | 23.10,22 |
| <i>C.drummondii</i> (Ranunculaceae) | 23.10 |
| <i>C.grossa</i> (Ranunculaceae) | 23.10 |
| <i>Clerodendron aculeatum</i> (Verbenaceae) | 23.13 |
| <i>Clusia</i> sp. (Guttiferae) | 23.8 |
| <i>Coccoloba laurifolia</i> (Polygonaceae) | 23.32 |
| <i>C.uvifera</i> (Polygonaceae) | 23.38 |
| <i>Coffea liberica</i> (Rubiaceae) | 23.28 |



| | |
|---|-------------------|
| <i>Colliguaya odorifera</i> (Euphorbiaceae) | 23.8 |
| <i>Combretum farinosum</i> (Combretaceae) | 23.22 |
| <i>C.leprosum</i> (Combretaceae) | 23.27 |
| Compositae, sp. of. | 23.21,28 |
| <i>Cordia alba</i> (Boraginaceae) | 23.10 |
| <i>C.cana</i> (Boraginaceae) | 23.22 |
| cotton | 23.3 |
| <i>Coussapoa</i> sp. (Urticaceae) | 23.33 |
| <i>Crotalaria longirostrata</i> (Leguminosae) | 23.11 |
| <i>C.mucronata</i> (Leguminosae) | 23.9 |
| <i>Croton hemiargyreus</i> (Euphorbiaceae) | 23.37 |
| <i>Curatella americana</i> (Dilleniaceae) | 23.10 |
| | |
| <i>Dalbergia</i> sp. (Leguminosae) | 23.26,27 |
| <i>Dalechampia ficifolia</i> (Euphorbiaceae) | 23.22 |
| <i>Diodia</i> sp. (Rubiaceae) | 23.13 |
| | |
| <i>Erigeron canadensis</i> (Compositae) | 23.22 |
| <i>Erythroxylum mexicanum</i> (Linaceae) | 23.10,23 |
| <i>Eugenia buxifolia</i> (Myrtaceae) | 23.5 |
| <i>Eugenia</i> sp. (Myrtaceae) | 23.18 |
| <i>Eupatorium morifolium</i> (Compositae) | 23.21 |
| <i>E.odoratum</i> (Compositae) | 23.14 |
| <i>E.villosum</i> (Compositae) | 23.39 |
| <i>Eupatorium</i> sp. (Compositae) | 23.10,14,21,22,28 |
| <i>Euphorbia serpens</i> (Euphorbiaceae) | 23.4 |
| | |
| <i>Ficus</i> sp. (Moraceae) | 23.7,28,39 |
| | |
| <i>Gardoquia gilliesi</i> (Labiateae) | 23.5 |
| <i>Gaultheria vernalis</i> (Ericaceae) | 23.8 |
| <i>Gilibertia arborea</i> (Araliaceae) | 23.20 |
| <i>Godmania aesculifolia</i> (Bignoniaceae) | 23.10 |
| <i>Gossypium</i> spp. (Malvaceae) | 23.29 |
| <i>Gcurllea decorticans</i> (Leguminosae) | 23.31 |
| <i>Grabowskiya obtusa</i> (Solanaceae) | 23.33 |
| <i>Guarea trichiloides</i> (Meliaceae) | 23.5 |
| <i>Guarea</i> sp. (Meliaceae) | 23.10 |
| <i>Gutierrezia microcephala</i> (Compositae) | 23.10 |
| <i>G.sarothrae</i> (Compositae) | 23.19 |
| <i>Gymnosperma glutinosa</i> (Compositae) | 23.19 |
| | |
| <i>Heisteria cyanocarpa</i> (Olacaceae) | 23.33 |
| <i>Helicteres guazumaefolia</i> (Sterculiaceae) | 23.10 |
| <i>Heliocarpus donnellsmithii</i> (Tiliaceae) | 23.23 |
| <i>Heliotropium curassavicum</i> (Boraginaceae) | 23.24 |
| <i>Heterothalamus spartioides</i> (Compositae) | 23.23 |
| <i>Hydrangea scandens</i> (Saxifragaceae) | 23.4 |
| <i>Hymenostephium cordatum</i> (Compositae) | 23.11,22 |
| <i>Hyptis suaveolens</i> (Labiateae) | 23.23 |
| <i>H.verticillata</i> (Labiateae) | 23.10 |



| | |
|---|--------------|
| Indigofera suffruticosa (Leguminosae) | 23.10, 23.25 |
| Inga leptoloba (Leguminosae) | 23.23 |
| I.spuria (Leguminosae) | 23.23 |
| Ipomoea arborescens (Convolvulaceae) | 23.12 |
| Ipomoea sp. (Convolvulaceae) | 23.18,20 |
| Iresine calea (Amaranthaceae) | 23.20 |
| I.celosia (Amaranthaceae) | 23.23 |
| Jatropha curcas (Euphorbiaceae) | 23.10 |
| Jussieua linifolia (Onagraceae) | 23.12 |
| J.suffruticosa (Onagraceae) | 23.12 |
| Jussieua sp. (Onagraceae) | 23.13 |
| Laelia spp. (Orchidaceae) | 23.28 |
| Lantana camara (Verbenaceae) | 23.9,22 |
| Lantana sp. (Verbenaceae) | 23.20,29 |
| Lauraceae, sp. of. | 23.17 |
| Leguminosae, sp. of. | 23.26 |
| Lippia cardiostegia (Verbenaceae) | 23.10 |
| L. foliosa (Verbenaceae) | 23.7 |
| Lippia sp. (Verbenaceae) | 23.8 |
| Lonchocarpus minimiflorus (Leguminosae) | 23.10 |
| Lycium chilense (Solanaceae) | 23.6,7,32 |
| L.gracile (Solanaceae) | 23.7,34 |
| Lycopersicum esculentum (Solanaceae) | 23.29 |
| Machaerium sp. (Leguminosae) | 23.26,35 |
| Malpighiaceae, sp. of. | 23.17 |
| Malvaceae, sp. of. | 23.19 |
| Malvaviscus arboreus (Malvaceae) | 23.11 |
| Mangifera indica (Anacardiaceae) | 23.33 |
| mango | 23.3 |
| Manihot aipi (Euphorbiaceae) | 23.28 |
| M.dichotoma (Euphorbiaceae) | 23.28 |
| M.utilissima (Euphorbiaceae) | 23.7,18,28 |
| Marcetia sp. (Melastomataceae) | 23.29 |
| Medicago sativa (Leguminosae) | 23.29 |
| Melanthera nivea (Compositae) | 23.11,23 |
| Merremia umbellata (Convolvulaceae) | 23.23 |
| Mikania amara (Compositae) | 23.14 |
| M.scandens (Compositae) | 23.19 |
| Mikania sp. (Compositae) | 23.14,19 |
| Mimosa albida (Leguminosae) | 23.14 |
| M. caesalpiniaefolia (Leguminosae). | 23.15 |
| Mimosa sp. (Leguminosae) | 23.26,30 |
| Myrceugenia stenophylla (Myrtaceae) | 23.6 |
| Myrtaceae, sp. of. | 23.6 |
| Myrsine sp. (Myrsinaceae) | 23.16 |
| Nectandra megapotamica (Lauraceae) | 23.6 |
| Neea sp. (Nyctaginaceae) | 23.26,27 |



| | |
|--|-----------------|
| <i>Ocimum micranthum</i> (Labiatae) | 23.11 |
| <i>Odontonema stricta</i> (Acanthaceae) | 23.24 |
| <i>Opuntia</i> sp. (Cactaceae) | 23.13 |
| <i>Ossaea</i> sp. (Melastomataceae) | 2335 |
| | |
| Papilionaceae, sp. of. | 23.29 |
| <i>Paspalum conjugatum</i> (Gramineae) | 23.27 |
| <i>Pernettya furens</i> (Ericaceae) | 23.7 |
| <i>Phyllanthus distichus</i> (Euphorbiaceae) | 23.13 |
| <i>Physalis viscosa</i> (Solanaceae) | 23.25 |
| <i>Piper</i> sp. (Piperaceae) | 23.14,15,16 |
| <i>Piriqueta ovata</i> (Turneraceae) | 23.24 |
| <i>Pisonia aculeata</i> (Nyctaginaceae) | 23.17 |
| <i>P. macranthocarpa</i> (Nyctaginaceae) | 23.6,17 |
| <i>P. nigricans</i> (Nyctaginaceae) | 23.16 |
| <i>Pisonia</i> sp. (Nyctaginaceae) | 23.39 |
| <i>P. macranthocarpa</i> (Nyctaginaceae) | 23.16,17 |
| <i>P. nigricans</i> (Nyctaginaceae) | 23.16 |
| <i>Pisonia</i> sp. (Nyctaginaceae) | 23.39 |
| <i>Polypodium crassifolium</i> (Polypodiaceae) | 23.26 |
| <i>Porophyllum</i> sp. (Compositae) | 23.19 |
| <i>Portulaca oleracea</i> (Portulacaceae) | 23.11,24 |
| <i>Prosopis alpataco</i> (Leguminosae) | 23.6,37 |
| <i>P. campestris</i> (Leguminosae) | 23.37 |
| <i>P. strombulifera</i> (Leguminosae) | 23.23,34 |
| <i>Protium heptaphyllum</i> (Burseraceae) | 23.5,20 |
| <i>Pseudocalymma macrocarpa</i> (Bignoniaceae) | 23.20, 21,23,24 |
| <i>Psychotria carthaginensis</i> (Rubiaceae) | 23.16 |
| <i>P. pubescens</i> (Rubiaceae) | 23.11 |
| <i>Psychotria</i> sp. (Rubiaceae) | 23.31 |
| <i>Puccinia</i> sp. (Basidiomycetes) | 23.37 |
| | |
| <i>Quercus eugeniaefolia</i> (Fagaceae) | 23.16 |
| <i>Q. hondurensis</i> (Fagaceae) | 23.16 |
| | |
| <i>Randia aculeata</i> (Rubiaceae) | 23.11 |
| <i>R. spinosa</i> (Rubiaceae) | 23.17 |
| <i>Rondeletia strigosa</i> (Rubiaceae) | 23.11 |
| Rubiaceae, sp. of. | 23.13,29,34 |
| <i>Ruellia albicaulis</i> (Acanthaceae) | 23.11 |
| | |
| <i>Salvia occidentalis</i> (Labiatae) | 23.24 |
| <i>Salvia</i> sp. (Labiatae) | 23.15 |
| <i>Scoparia culcis</i> (Scrophulariaceae) | 23.11 |
| <i>Senecio kermesinus</i> (Compositae) | 23.24 |
| <i>S. mendocinus</i> (Compositae) | 23.7 |
| <i>Serjanea gonlocarpa</i> (Sapindaceae) | 23.11,18 |
| <i>S. racemosa</i> (Sapindaceae) | 23.24 |
| <i>Serjanea</i> sp. (Sapindaceae) | 23.6 |
| <i>Sida rhombifolia</i> (Malvaceae) | 23.24 |
| <i>Smilax</i> sp. (Liliaceae) | 23.13,32 |
| <i>Solanum umbellatum</i> (Solanaceae) | 23.23 |

| | |
|---|-------------|
| <i>Solanum</i> sp. (Solanaceae) | 23.29 |
| <i>Solanum</i> sp. (Solanaceae) | 23.29 |
| <i>Solidago</i> spp. (Compositae) | 23.13 |
| <i>Sorghum</i> spp. (Gramineae) | 23.29 |
| <i>Sorocea illicifolia</i> (Urticaceae) | 33.14 |
| <i>Stachytarpheta cajanensis</i> (Verbenaceae) | 23.13,18 |
| <i>S.dichotoma</i> (Verbenaceae) | 23.28 |
| <i>Sterculia</i> sp. (Sterculiaceae) | 23.35 |
| <i>Struthanthus marginatus</i> (Loranthaceae) | 23.11 |
| <i>Struthanthus</i> sp. (Loranthaceae) | 23.13 |
| <i>Styrax</i> sp. (Styracaceae) | 23.20,32,37 |
| <i>Suaeda divaricata</i> (Chenopodiaceae) | 23.13 |
| | |
| <i>Tabernaemontanae amydaelifolia</i> (Apocynaceae) | 23.11 |
| <i>Teucrium inslatum</i> (Labiatae) | 23.25 |
| <i>Thevetia plumeriaefolia</i> (Apocynaceae) | 23.11 |
| <i>Tibouchina</i> sp. (Melastomataceae) | 23.36 |
| <i>Tithonia rotundifolia</i> (Compositae) | 23.12 |
| <i>Tournefortia angustiflora</i> (Boraginaceae) | 23.12 |
| <i>T.volubilis</i> (Boraginaceae) | 23.12,24 |
| <i>Trichilia</i> sp. (Meliaceae) | 23.12 |
| <i>Tricycla spinosa</i> (Nyctaginaceae) | 23.6 |
| <i>tridax procumbens</i> (Compositae) | 23.22 |
| <i>Trixis radialis</i> (Compositae) | 23.12 |
| | |
| <i>Uromyces pisi</i> (Basidiomycetes) | 23.37 |
| <i>Urostigma</i> sp. (Moraceae). | 23.4,38 |
| <i>Urvillea ulmacea</i> (Sapindaceae) | 23.24 |
| | |
| <i>Verbena aspera</i> (Verbenaceae) | 23.6 |
| <i>V.serlphioides</i> (Verbenaceae) | 23.6 |
| <i>Verbesina fraseri</i> (Compositae) | 23.24 |
| <i>V.sublobata</i> (Compositae) | 23.24 |
| <i>V.turbacensis</i> (Compositae) | 23.24 |
| <i>Vernonia canescens</i> (Compositae) | 23.9,10 |
| <i>Vernonia</i> sp. (Compositae) | 23.24 |
| | |
| <i>Waltheria indica</i> (Sterculiaceae) | 23.12 |
| | |
| <i>Ximenia americana</i> (Olacaceae) | 23.12 |
| <i>Xylosma flexuosum</i> (Flacourtiaceae) | 23.12 |
| | |
| <i>Zexmenia frutescens</i> (Compositae) | 23.12,16 |







SciELO

MUSEU DE ZOOLOGIA, UNIVERSIDADE DE SÃO PAULO
(Formerly Departamento de Zoologia, Secretaria da Agricultura, São Paulo)

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

23a

FAMILY PERISSOMMATIDAE

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This small family was described by Colless (1962) to include the new Australian genus *Perissomma*. In the original description, Colless included two species, and in 1969 he described three additional species, bringing the number of known species to five, namely *fusca*, *mcalpinei*, *dobrotworskyi*, *bellissima* and *congrua*. The first four are Australian, the fifth Chilean. The position of the Perissommatidae among the Nematocera presents as yet some problems, but it was included by its author in the Bibionomorpha, a procedure accepted by Hennig (1968). The two works of Colless (1962, 1969) include illustrations of adults and immatures, besides morphological, biological and cytogenetic information. The only Chilean species was reported by Colless to "differ rather markedly from all the Australian species, although it is clearly congeneric with them". Adults of *P. fusca* have been collected in or near pine forests, those of *P. mcalpinei* are supposed to be natives of rain forest and wet sclerophyll in cool climates; *P. dobrotworskyi* was collected in dry forest. Larvae of *P. fusca* have been found in fungi of the genus *Boletus*, which is commonly associated with *Pinus radiata*; those of *P. mcalpinei* were found to live in leaf litter and have no apparent association with fungi.

Genus PERISSOMMA Colless

PERISSOMMA Colless, 1962: 520. Type-species, *fusca* Colless, 1962, from Australia (orig. des.).

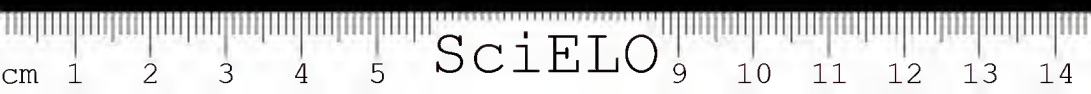
CONGRUA Colless, 1969: 727, figs. 1A (dorsal view of male terminalia), 4C (wing) (holotype male; female unknown). Type-locality: Chile, Cautin, Los Paraguas.

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23A1



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24

SUBORDER BRACHYCERA





SUPERFAMILY TABANOIDEA

Family Xylophagidae

Family Xylomyidae

Family Stratiomyidae

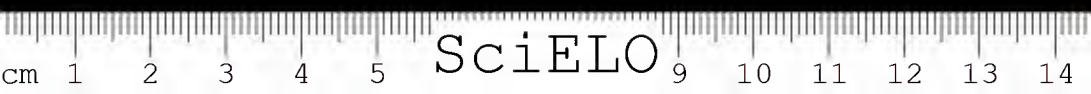
Family Pelecorhynchidae

Family Tabanidae

Family Rhagionidae

Family Pantophthalmidae





MUSEU DE ZOOLOGIA, UNIVERSIDADE DE SÃO PAULO
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A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

24

FAMILY XYLOPHAGIDAE

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The limits of this family, as treated here, are the same as those accepted for the Nearctic catalogue. As so defined, the taxon is an unsatisfactory one, as shown by Stuckenberg (1973), who believes, for example, that *Atherimorpha* should be placed in the Rhagionidae. However, with the present state of our knowledge, no better arrangement is available.

Adults frequent forested or wooded areas and feed on sap, nectar of flowers, or other liquid matter. Life histories and immature stages of the Neotropical forms are virtually unknown, but in parts of the world where such information is available, larvae are predators or scavengers, occurring in soil rich in decaying vegetable matter, under bark of trees, or in decaying logs.

Genus ATHERIMORPHA White

ATHERIMORPHA White, 1915:41. Type-species, *vernalis* White (mon.). Ref. — Malloch, 1932:206 (key).

Philippoleptis Malloch, 1931:276 (as subgenus of *Atherimorpha*). Type-species, *Leptis praefica* Philippi (orig. des.).

ALBOHIRTA Malloch, 1932:208. Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina.

ATRIFEMUR Malloch, 1932:210. Type-locality: Chile, Llanquihue, Casa Pangué. Distr. — Chile.

CLARIPENNIS (Philippi), 1865:772 (*Leptis*). Type-locality: Chile. Distr. — Chile.

EDWARDSI Malloch, 1932:212. Type-locality: Chile, Puerto Montt. Distr. — Chile.

FLAVOLATERALIS Malloch, 1932:213. Type-locality: Argentina, Rio Negro, Bariloche. Distr. — Argentina.



- FUSCA Malloch, 1932:213. Type-locality: Chile, Chiloé Island, Puntra. Distr. — Chile.
- FUSCICOXA Malloch, 1932:215. Type-locality: Chile, Llanquihue, Casa Pan-gue. Distr. — Chile.
- GRISEA (Philippi), 1865:774 (*Leptis*). Type-locality: Chile. Distr. — Chile.
- HIRTULA (Bigot), 1887:116 (*Leptis*). Type-locality: Chile. Distr. — Chile.
- IMITANS Malloch, 1932:211. Type-locality: Chile, Chiloé Island, Castro. Distr. — Chile.
- NEMORALIS (Philippi), 1865:772 (*Leptis*). Type-locality: Chile, Valdivia. Distr. — Chile.
- PRAEFICA (Philippi), 1865:772 (*Leptis*). Type-locality: Chile. Distr. — Chile. Ref. — Malloch, 1932:232 (redescr.).
- macrochaeta* (Bigot), 1889:325 (*Psilocephala*). Type-locality: Chile.
- pilosula* (Bigot), 1889:326 (*Psilocephala*). Type-locality: Chile.
- praefita*, error.
- praefixa*, error.
- SCUTELLARIS Malloch, 1932:214. Type-locality: Chile, Concepción. Distr. — Chile. May be female of *grisea* (Philippi) (Edwards, footnote to Malloch, 1932:214).
- TRIANGULARIS Malloch, 1932:234. Type-locality: Chile, Valparaíso, Perales. Distr. — Chile.

Genus AUSTROLEPTIS Hardy

- AUSTROLEPTIS Hardy, 1919:126. Type-species, *rhyphoides* Hardy (orig. des.).
- ATRICEPS Malloch, 1932:203. Type-locality: Chile, Llanquihue, Casa Pan-gue. Distr. — Chile.
- FULVICEPS Malloch, 1932:202. Type-locality: Chile, Llanquihue, Casa Pan-gue. Distr. — Chile.

Genus HETEROSTOMUS Bigot

- HETEROSTOMUS Bigot, 1857:283. Type-species, *curvipalpis* Bigot (mon.).
- Heterostomyia* Bigot, 1879:186 (*nom. nov.* for *Heterostomus* Bigot, erroneously stated to be preoccupied).
- Heterostomatomyia* (emend).
- CURVIPALPIS Bigot, 1857:285. Type-locality: Chile. Distr. — Chile.
- inflexipalpis* (Bigot), 1879:186 (*Heterostomyia*). *Nom. nud.*
- flexipalpis* (Bigot), 1879:186 (*Heterostomyia*). *Nom. nud.*

Genus RACHICERUS Walker

- RACHICERUS Walker, 1854:103. Type-species: *fulvicollis* Walker (mon.). Ref. — Carrera, 1945 (key).
- Rhachicerus* (emend).
- BELLUS Osten Sacken, 1886:62. Type-locality: Panama, Bugaba. Distr. — Panama. Ref. — Carrera, 1945 (quotes orig. descr.).
- LANEI Carrera, 1940:389. Type-locality: Brazil, São Paulo, Alto da Serra. Distr. — Brazil. Ref. — Carrera, 1945:128 (further descr.).
- LOPESI Carrera, 1940:393. Type-locality: Brazil, Rio de Janeiro, Corcovado. Distr. — Brazil.

- MARCUSI Carrera, 1940:395. Type-locality: Brazil, São Paulo, Alto da Serra. Distr. — Brazil. Ref. — Carrera, 1945 (further descr.).
- NIGRIPALPIS Loew, 1874:378. Type-locality: Mexico. Distr. — Mexico. Ref. — Carrera, 1945 (quotes orig. descr.).
- OLIVERIOI Carrera, 1940:391. Type-locality: Brazil, São Paulo, Bananal. Distr. — Brazil. Ref. — Carrera, 1945 (further descr.).
- PICTICORNIS Kertész, 1923:89. Type-locality: Costa Rica, Cartago, La Suiza de Turrialba. Distr. — Costa Rica. Ref. — Carrera, 1945 (quotes orig. descr.).
- SHANNONI Carrera, 1945:125. Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil.
- VARIPES Loew, 1863:5 (Centuria 3, no. 7). Type-locality: Cuba. Distr. — Cuba. Ref. — Carrera, 1945 (quotes orig. descr.).

Unrecognized species

- VETUSTUS Walker, 1854:106 (*Xylophagus*). Type-locality: Brazil, Pará. Distr. — Brazil. (Generic reference with a query; most certainly not a *Xylophagidae*).

APPENDIX

Genus STENIMANTIA Enderlein

- STENIMANTIA Enderlein, 1932:270. Type-species, *Xylophagus carbonarius* Philippi (orig. des.).
- CARBONARIA (Philippi), 1865:727 (*Xylophagus*). Type-locality: "Chile". Distr. — Chile. Note: This genus should be transferred to the Chironomyzinae, in the Stratiomyidae (Fasc. 26); Hennig (1955:427) saw the specimen studied by Enderlein, and assigned the genus to the Chironomyzinae.

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INDEX

| | |
|--|------|
| <i>albohirta</i> Malloch, 1932, <i>Atherimorpha</i> | 24.1 |
| <i>Atherimorpha</i> White, 1915 | 24.1 |
| <i>atriceps</i> Malloch, 1932, <i>Austroleptis</i> | 24.2 |
| <i>atrifemur</i> Malloch, 1932, <i>Atherimorpha</i> | 24.1 |
| <i>Austroleptis</i> Hardy, 1916 | 24.2 |
| <i>bellus</i> Osten Sacken, 1886, <i>Rachicerus</i> | 24.2 |
| <i>carbonaria</i> (Philippi), 1965 (<i>Xylophagus</i>), <i>Stenimantia</i> | 24.3 |
| <i>claripennis</i> (Philippi), 1865 (<i>Leptis</i>), <i>Atherimorpha</i> | 24.1 |
| <i>curvipalpis</i> Bigot, 1857, <i>Heterostomus</i> | 24.2 |
| <i>edwardsi</i> Malloch, 1932, <i>Atherimorpha</i> | 24.1 |
| <i>flavolateralis</i> Malloch, 1932, <i>Atherimorpha</i> | 24.1 |
| <i>flexipalpis</i> (Bigot), 1879 (<i>Heterostomyia</i>), <i>Heterostomus</i> | 24.2 |
| <i>fulviceps</i> Malloch, 1932, <i>Austroleptis</i> | 24.2 |
| <i>fusca</i> Malloch, 1932, <i>Atherimorpha</i> | 24.2 |
| <i>fuscicoxa</i> Malloch, 1932, <i>Atherimorpha</i> | 24.2 |
| <i>grisea</i> (Philippi), 1865 (<i>Leptis</i>), <i>Atherimorpha</i> | 24.2 |
| <i>Heterostomatomyia</i> , emend. | 24.2 |
| <i>Heterostomus</i> Bigot, 1857 | 24.2 |
| <i>Heterostomyia</i> Bigot, 1857 | 24.2 |
| <i>hirtula</i> (Bigot), 1887 (<i>Leptis</i>), <i>Atherimorpha</i> | 24.2 |
| <i>imitans</i> Malloch, 1932, <i>Atherimorpha</i> | 24.2 |
| <i>inflexipalpis</i> (Bigot), 1879 (<i>Heterostomyia</i>), <i>Heterostomus</i> | 24.2 |
| <i>lanei</i> Carrera, 1940, <i>Rachicerus</i> | 24.2 |
| <i>lopesi</i> Carrera, 1940, <i>Rachicerus</i> | 24.2 |
| <i>macrochaeta</i> (Bigot), 1889 (<i>Psilocephala</i>), <i>Atherimorpha</i> | 24.2 |
| <i>marcusi</i> Carrera, 1940, <i>Rachicerus</i> | 24.3 |
| <i>nemoralis</i> (Philippi), 1865 (<i>Leptis</i>), <i>Atherimorpha</i> | 24.2 |
| <i>nigripalpis</i> Loew, 1874, <i>Rachicerus</i> | 24.3 |
| <i>oliverioi</i> Carrera, 1940, <i>Rachicerus</i> | 24.3 |
| <i>Philippoleptis</i> Malloch, 1931 | 24.1 |
| <i>picticornis</i> Kertész, 1923, <i>Rachicerus</i> | 24.3 |
| <i>pilosula</i> (Bigot), 1889 (<i>Psilocephala</i>), <i>Atherimorpha</i> | 24.2 |
| <i>praefica</i> (Philippi), 1865 (<i>Leptis</i>), <i>Atherimorpha</i> | 24.2 |
| <i>praefita</i> , error, <i>Atherimorpha</i> | 24.2 |
| <i>praefixa</i> , error, <i>Atherimorpha</i> | 24.2 |
| <i>Rachicerus</i> Walker, 1854 | 24.2 |
| <i>Rhachicerus</i> , emend. | 24.2 |



| | |
|--|------|
| scutellaris Malloch, 1932, Atherimorpha | 24.2 |
| shannoni Carrera, 1945, Rachicerus | 24.3 |
| Stenimantia Enderlein, 1932 | 24.3 |
| triangularis Malloch, 1932, Atherimorpha | 24.2 |
| varipes Loew, 1863, Rachicerus | 24.3 |
| vetustus Walker, 1854, Xylophagus | 24.3 |







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MUSEU DE ZOOLOGIA, UNIVERSIDADE DE SÃO PAULO
(Formerly Departamento de Zoologia, Secretaria da Agricultura, São Paulo)

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

25

FAMILY XYLOMYIDAE

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The generic and subgeneric classification used here follows that of Nagatomi and Tanaka (1971), although a critical study of the Neotropical species may show that some are improperly placed. The genus *Arthropeina* Lindner is accepted as valid, as it is by Nagatomi and Tanaka, although Lindner (1969) synonymized it with *Xylomy(i)a*.

Except for *Solva pallipes*, the life histories and immature stages of the Neotropical Xylomyidae are unknown. In parts of the world where pertinent information is available, the larvae of known species live under bark of trees and are predators or scavengers.

Ref. — Nagatomi & Tanaka, 1971 (key to genera and subgenera of world).

Genus ARTHROPEINA Lindner

ARTHROPEINA Lindner, 1949:789. Type-species, *fulva* Lindner (mon.).
FULVA Lindner, 1949:789. Type-locality: not stated, presumably Brazil.
Distr. — Brazil.

Genus SOLVA Walker

Subula Meigen, 1820:15 (preocc. Schumacher, 1817). Type-species, *Xylophagus varius* Meigen (Rondani, 1856:172). A manuscript name cited in specific synonymy.

SOLVA Rondani, 1861:11 (nom. nov. for *Subula* Meigen). Type-species, *Xylophagus varius* Meigen (aut.).

Subulaomyia Williston, 1896 (as *Subula Omyia*; nom. nov. for *Subula* Meigen but deleted in Corrigenda, p. 4). Type-species, *Xylophagus varius* Meigen (aut.).

Subulonia Enderlein, 1913:545. Type-species, *truncativena* Enderlein (mon.).



Hanauia Enderlein, 1920:281. Type-species, *Xylophagus marginatus* Meigen (orig. des.).

Subgenus SOLVA Walker

- BRASILIANA (Lindner), 1949:791 (*Subulonia*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- FLAVICOXIS (Enderlein), 1921:172 (*Hanauia*). Type-locality: Paraguay, San Bernardino. Distr. — Brazil, Paraguay.
- PALLIPES (Loew), 1863:6 (Centuria 3, no. 9) (*Subula*). Type-localities: Illinois, Wisconsin. Distr. — Canada, U.S.A.; "Middle America".
- TRUNCATIVENA (Enderlein), 1913:545 (*Subulonia*). Type-locality: Costa Rica. Distr. — Costa Rica.

Subgenus MACROCEROMYS Bigot

- MACROCEROMYS Bigot, 1877:73. Type-species, *fulviventris* Bigot (mon.). *Xylomya* Auct., not Rondani.
- AMERICANA (Wiedemann), 1821:51 (*Xylophagus*). Type-locality: North America. Distr. — U.S.A.; Mexico.
- ELONGATA (Osten Sacken), 1886:62 (*Subula*). Type-locality: Guatemala, Capetillo. Distr. — Guatemala.
- FULVIVENTRIS Bigot, 1879:187. Type-locality: Mexico. Distr. — Mexico. *fulviventris* Bigot, 1899:1xxiii (*nomen nudum*).
- PRISTA Enderlein, 1913:541. Type-locality: Mexico, Chiapas. Distr. — Mexico.

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INDEX

| | |
|---|------|
| americana (Wiedemann), 1821 (Xylophagus), Solva | 25.2 |
| Arthropeina Lindner, 1949 | 25.1 |
| brasiliiana (Lindner), 1949 (Subulonia), Solva | 25.2 |



| | |
|---|------------|
| <i>elongata</i> (Osten Sacken), 1886 (<i>Subula</i>), Solva | 25.2 |
| <i>flavicoxis</i> Enderlein, 1921 (<i>Hanaulia</i>), Solva | 25.2 |
| <i>fulva</i> Lindner, 1949, <i>Arthropeina</i> | 25.1 |
| <i>fulviventris</i> Bigot, 1899, Solva | 25.2 |
| <i>fulviventris</i> Bigot, 1879, Solva | 25.2 |
| <i>Hanaulia</i> Enderlein, 1920 | 25.2 |
| <i>Macroceromys</i> Bigot, 1877 | 25.2 |
| <i>pallipes</i> (Loew), 1863 (<i>Subula</i>), Solva | 25.2 |
| <i>prista</i> Enderlein, 1913, Solva | 25.2 |
| Solva Walker, 1859 | 25.1, 25.2 |
| <i>Subula</i> Melgen, 1820 | 25.1 |
| <i>Subulaomyia</i> Williston, 1896 | 25.1 |
| <i>Subulonia</i> Enderlein, 1913 | 25.1 |
| <i>truncativena</i> (Enderlein), 1913 (<i>Subulonia</i>), Solva | 25.2 |
| <i>Xylomya</i> Authors | 25.2 |



MUSEU DE ZOOLOGIA, UNIVERSIDADE DE SÃO PAULO
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A CATALOGUE OF THE DIPTERA OF THE AMERICAS SOUTH OF THE UNITED STATES

26

FAMILY STRATIOMYIDAE

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The soldier flies, or Stratiomyidac, occur throughout the warmer temperate and tropical regions of the world, but they are most common in moist to humid tropical climates. Adults are often found resting on vegetation, visiting flowers, or near over-ripe fruits or decaying vegetable materials. Many larvae are aquatic, many are plant scavengers, some are predatory, and a few attack living plants.

Though much work has been done on the Neotropical fauna, there have been no comprehensive studies except, to an extent, locally or on the subfamily level. Consequently, in the present catalogue many generic references must be considered as tentative, especially in such "catch-all" genera as *Beris*, *Sargus*, *Stratiomys*, and *Odontomyia*. Undoubtedly, many species referred to these genera do not belong there.

The subfamily placement of *Nemotelus* and *Cyphomyia* and related genera is at variance with that used in the Nearctic catalogue, but the present usage seems to be a more natural one. With some exceptions, divisions of subfamilies into tribes and of genera into subgenera has not been attempted; satisfactory references on these taxonomic levels must await further study.

Subfamily CHIROMYZINAE

Refs. — Hardy, 1920; Enderlein, 1921; Bezzi, 1922.

Genus BARBIELLINIA Bezzi

BARBIELLINIA Bezzi, 1922:121. Type-species, *hirta* Bezzi (orig. des.).

Chiromyza, Authors, not Wiedemann.

ANNULIPES (Enderlein), 1921:159 (*Chiromyza*). Type-locality: Brazil, Espírito Santo. Distr. — Brazil. N. comb.

26.1



- HIRTA Bezzi, 1922:122. Type-locality: Brazil, São Paulo, Termas de Lindóia, Serra Negra. Distr. — Brazil (Guanabara, São Paulo).
- LINEATA (Enderlein), 1921:158 (*Chiromyza*). Type-locality: Brazil, no locality and São Paulo. Distr. — Brazil (Goiás, Minas Gerais, São Paulo). N. comb.
- MURICORNIS (Enderlein), 1921:159 (*Chiromyza*). Type-locality: Brazil, São Paulo. Distr. — Brazil. N. comb.
- PARVICORNIS (Enderlein), 1921:159 (*Chiromyza*). Type-locality: Brazil, no locality and São Paulo. Distr. — Brazil. N. comb.

Genus CHIROMYZA Wiedemann

- CHIROMYZA Wiedemann, 1820:19. Type-species, *vittata* Wiedemann (Brauer, 1882:86).
- Xenomorpha* Macquart, 1838:197 (separate, p. 193). Type-species, *leptiformis* Macquart (mon.).
- BREVICORNIS (Lindner), 1949:787 (*Xenomorpha*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. N. comb.
- ENDERLEINI (Lindner), 1949:788 (*Xenomorpha*). Type-locality: "Brazil". Distr. — Brazil. N. comb.
- LEPTIFORMIS (Macquart), 1838:197 (separate, p. 193) (*Xenomorpha*). Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Venezuela to Brazil (Espírito Santo, Guanabara).
- NIGRA Bezzi, 1922:121. Type-locality: "Ecuador". Distr. — Ecuador.
- OCHIRACEA Wiedemann, 1820:20. Type-locality: "Brazil". Distr. — Peru, Bolivia, Brazil (Pará to Santa Catarina).
- fuscana* Wiedemann, 1821:115. Type-locality: "Brazil".
- spp.* Williston, 1888:244. Brazil (Mato Grosso, Chapada, and Guanabara, Rio de Janeiro).
- STYLICORNIS (Enderlein), 1921:165 (*Xenomorpha*). Type-locality: "Brazil". Distr. — Brazil. N. comb.
- TENUICORNIS (Lindner), 1949:737 (*Xenomorpha*). Type-locality: Guyana, Upper Courantyne River, King Fredrick William IV Falls. Distr. — Guyana. N. comb.
- TRISTRIGATA (Enderlein), 1921:161 (*Xenomorpha*). Type-localities: Peru, Callanga, and Bolivia, Songo. Distr. — Peru, Bolivia. N. comb.
- VIRIDIS Bezzi, 1922:120 (as *vittata* ssp.). Type-locality: Brazil, São Paulo. Distr. — Peru, Brazil (Goiás to São Paulo). N. status.
- VITTATA Wiedemann, 1820:20. Type-locality: "Brazil". Distr. — Brazil (Minas Gerais, São Paulo), Paraguay.

Genus HYLOROPS Enderlein

- HYLOROPS Enderlein, 1921:179. Type-species, *philippii* Enderlein (orig. des.).
- PHILIPPH Enderlein, 1921:179. Type-locality: Chile, Concepción. Distr. — Chile.

Genus HYLORUS Philippi

- HYLORUS Philippi, 1865:728. Type-species, *krausei* Philippi (mon.).

AUSTRALIS Aubertin, 1930:99. Type-locality: Argentina, Chubut. Distr. — Argentina.

KRAUSEI Philippi, 1865:728. Type-locality: Chile, ?Casa Pangue. Distr. — Chile.

Genus MESOMYZA Enderlein

MESOMYZA Enderlein, 1921:162. Type-species, *interrupta* Enderlein (orig. des.).

INTERRUPTA Enderlein, 1921:162. Type-locality: "Brazil". Distr. — Brazil.

SERICEA Enderlein, 1921:162. Type-locality: Bolivia, Songo. Distr. — Bolivia.

TENUICORNIS Enderlein, 1921:162. Type-localities: Brazil, São Paulo, Cantareira; Espírito Santo. Distr. — Brazil.

Genus NONACRIS Walker

NONACRIS Walker, 1856:7. Type-species, *transequa* Walker (mon.).

BREVICORNIS Enderlein, 1921:165. Type-locality: "Brazil". Distr. — Brazil.

CHILENSIS Lindner, 1943:91. Type-locality: Chile, Aysén, Calbuco. Distr. — Chile.

LONGICORNIS Enderlein, 1921:164. Type-locality: "Colombia". Distr. — Colombia.

NIGRIVENTRIS Enderlein, 1921:165. Type-localities: Colombia, no locality, and Ecuador, Santa Inez. Distr. — Colombia, Ecuador.

PARTITIFRONS Enderlein, 1921:165. Type-locality: "Brazil". Distr. — Brazil.

SCUTELLARIS Enderlein, 1921:164. Type-locality: Colombia, Bogotá. Distr. — Colombia.

TRANSEQUA Walker, 1856:7. Type-locality: "South America". Distr. — Colombia, Venezuela.

Genus TANA Reed

Lagarus Philippi, 1865:728 (procc. Chaudoir, 1838). Type-species, *paulseni* Philippi (mon.).

TANA Reed, 1888:284 (nom. nov. for *Lagarus* Philippi). Type-species, *Lagarus paulseni* Philippi (aut.).

Lagarinus Enderlein, 1913a:250, 251. Type-species, *paradoxus* Enderlein (orig. des.).

Ref. — Curran, 1936:281 (Generic status of *Lagarus*).

PARADOXA (Enderlein), 1913a:252 (*Lagarinus*). Type-locality: "Chile". Distr. — Chile.

PAULSENI (Philippi), 1865:729 (*Lagarus*). Type-locality: "Chile". Distr. — Chile. Ref. — Enderlein, 1913 (Quotes original descr.).

Unplaced and extralimital species

despectus Walker, 1856:6 (*Inopus*). Type-locality not stated; given by Bezzi as South America, but Nagatomi and Yukawa say that this is an error and that this species is actually Australian.

Chiromyzinae, ?n. sp., Lindner, 1933b:325. Rio de Janelro, Itatiaia.

Subfamily BERIDINAE

Ref. — Enderlein, 1921 (rev.).

Genus ACTINA Meigen

ACTINA Meigen, 1804:116. Type-species, *Beris nitens* Latreille (Rondani, 1863:87; 1864:87).

ELEGANS Schiner, 1868:71. Type-locality: "Colombia". Distr. — Colombia.

Genus ACTINOMYIA Lindner

ACTINOMYIA Lindner, 1949:793. Type-species, *novaeteutoniae* Lindner (mon.). *Actinomia*, error.

NOVAETEUTONIAE Lindner, 1949:793, 794. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus ALLOGNOSTA Osten Sacken

ALLOGNOSTA Osten Sacken, 1883:297. Type-species, *Beris fuscitarsis* Say (Coquillett, 1910:505).

LIMBATIVESTRIS Enderlein, 1921:185. Type-locality: Paraguay, San Bernardino. Distr. — Paraguay.

Genus ARCHISTRATIOMYS Enderlein

ARCHISTRATIOMYS Enderlein, 1913b:548. Type-species, *Beris luctifera* Philippi (orig. des.).

BRASILIENSIS Enderlein, 1921:190. Type-locality: Brazil, São Paulo. Distr. — Brazil (Rio de Janeiro to Santa Catarina).

ITATIAYENSIS Lindner, 1928:236. Type-locality: Brazil, Rio de Janeiro, Itatiaia Mts. Distr. — Brazil.

LUETIFERA (Philippi), 1865:729 (*Beris*). Type-locality: Chile, Valdivia, Corral. Distr. — Chile (Valparaíso, Valdivia). Ref. — Aubertin, 1930 (suppl. deser., fig.).

philippii Bigot, 1879:199 (*Exaireta*). Type-locality: "Chile".

RUFIPALPIS (Wiedemann), 1830:619 (*Xylophagus*). Type-locality: "Mexico". Distr. — Mexico.

Genus BENHAMYIA Miller

Huttonella Enderlein, 1921:195 (preoc. Pfeiffer, 1855). Type-species *Exaireta alpina* Hutton (orig. des.).

BENHAMYIA Miller, 1945:72 (nom. nov. for *Huttonella* Enderlein). Type-species, *Exaireta alpina* Hutton (aut.).

ENGELI (Lindner), 1943:97 (*Huttonella*). Type-locality: Chile, Aysén, Calbuco. Distr. — Chile.

NORDENHOLZI (Lindner), 1943:98 (*Huttonella*). Type-locality: Chile, Aysén, Calbuco. Distr. — Chile.

Genus BERIDOPS Enderlein

BERIDOPS Enderlein, 1913b:550. Type-species, *Beris trichonota* Philippi (orig. des.) = *maculipennis* Blanchard.

MACULIPENNIS (Blanchard), 1852:400 (*Beris*). Type-locality: "Chile". Distr. — Chile, Argentina. Refs. — Aubertin, 1930 (suppl. descr., fig.), Lindner, 1943 (suppl. descr.).

trichonota Philippi, 1865:730 (*Beris*). Type-locality: Chile, Valdivia.

Genus BERIS Latreille *

BERIS Latreille, 1802:447. Type-species, *Stratiomys scindentata* Fabricius (mon.) = *chalybeata* (Forster).

ALBITARSIS Macquart, 1846:175 (separate, p. 47). Type-localities: "Colombia, Venezuela".

CAERULESCENS Schiner, 1868:71. Type-locality: "Colombia". Distr. — Colombia.

FLAVISPINOSA Macquart, 1855:38 (separate, p. 58). Type-locality: "South America". Distr. — South America.

GUERINII Macquart, 1846:176 (separate, p. 48). Type-locality: "South America". Distr. — South America.

MODESTA Philippi, 1865:730. Type-locality: Chile, Valdivia, Los Ulmos. Distr. — Chile.

VIRIDIVENTRIS Philippi, 1865:731. Type-locality: Not stated, presumably Chile. Distr. — Chile.

Genus BERISMYIA Giglio-Tos

BERISMYIA Giglio-Tos, 1891:2, 1892:6. Type-species, *fusca* Giglio-Tos (mon.). Ref. — McFadden, 1971a (synonymy).

Antissops Enderlein, 1914a:314. Type-species, *denticulata* Enderlein (orig. des.).

BARBIELLINII (Bezzi), 1908a:472 (*Allognosta*). Type-locality: Brazil, São Paulo. Distr. — Brazil (São Paulo to Santa Catarina). Position uncertain.

BEZZII (Lindner), 1949:796 (*Antissops*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Ref. — Lindner, 1969:2 (suppl. descr.).

FUSCA Giglio-Tos, 1892:7. Type-locality: "Mexico". Distr. — Mexico (Veracruz, Morelos, Chiapas), Costa Rica.

denticulata Enderlein, 1914a:315 (*Antissops*). Type-locality: "Costa Rica".

NIGROFEMORATA Williston, 1900:230. Type-locality: Mexico, Guerrero, Omilteme. Distr. — Mexico (Michoacan, Morelos, Puebla, Guerrero).

Genus DRAYMONIA Aubertin

Chilota Aubertin, 1930:102 (preocc. Michaelsen, 1899). Type-species, *nitida* Aubertin (orig. des.).

* Generic position of species referred to this genus uncertain.



DRAYMONIA Aubertin, 1932:284 (nom. nov. for *Chilota* Aubertin). Type-species, *Chilota nitida* Aubertin (aut.).

NITIDA (Aubertin), 1930:102 (*Chilota*). Type-locality: Chile, Casa Pangue. Distr. — Chile, Patagonia.

Genus EXAERETINA Enderlein

EXAERETINA Enderlein, 1921:194. Type-species, *auricoma* Enderlein (orig. des.).

AURICOMA Enderlein. 1921:195. Type-locality: "Chile". Distr. — Chile.

Genus HADRESTIA Thomson

HADRESTIA Thomson, 1869:453. Type-species, *aenea* Thomson (mon.).

AENEA Thomson, 1869:454. Type-locality: "Patagonia". Distr. — Patagonia.

MINOR Brèthes, 1924:104. Type-locality: Chile, Chiloé Island. Distr. — Chile (north to Valdivia); Argentina (Tierra del Fuego). Ref. — Aubertin, 1930 (suppl. descr., fig.).

Genus HEMIMEGACIS Enderlein

HEMIMEGACIS Enderlein, 1921:209. Type-species, *maculifrons* Enderlein (orig. des.).

MACULIFRONS Enderlein, 1921:209. Type-locality: Bolivia, Cillutincara. Distr. — Bolivia.

Genus HETERACANTHIA Macquart

HETERACANTHIA Macquart, 1849:347 (separate, p. 43). Type-species, *ruficornis* Macquart (mon.).

RUFICORNIS Macquart, 1849:348 (separate, p. 44). Type-locality: Venezuela, Caracas. Distr. — Mexico (north to Nayarit and Veracruz) to Brazil (south to Santa Catarina), Trinidad. Ref. — Enderlein, 1921 (suppl. descr.).

mexicana Giglio-Tos, 1891:1, 1892:8. Type-locality: "Mexico".

VIOLACEIVENTRIS Enderlein, 1921:201. Type-locality: "?Brazil". Distr. — ?Brazil.

Genus MACROMERACIS Enderlein

MACROMERACIS Enderlein, 1921:211. Type-species, *Beris thoracica* Philippi (orig. des.).

ELONGATA Aubertin, 1930:104. Type-locality: Chile, Chiloé Island, Castro. Distr. — Chile (Valparaiso to Chiloé Island).

LONGICORNIS (Philippi), 1865:731 (*Beris*). Type-locality: Chile, Valdivia. Distr. — Chile (Valparaiso to Aysén). Ref. — James, 1939a (suppl. descr.).

LUTEIVENTRIS (Philippi), 1865:731 (*Beris*). Type-locality: not stated, presumably Chile. Distr. — Chile.

THORACICA (Philippi), 1865:730 (*Beris*). Type-locality: Chile, Corral. Distr. — Chile (Santiago to Aysén). Ref. — Lindner, 1943 (suppl. descr.).



Genus MICROHADRESTIA Lindner

- MICROHADRESTIA Lindner, 1943:96. Type-species, *minuta* Lindner (mon.).
MINUTA Lindner, 1943:96. Type-locality: Chile, Chiloé, Olmué. Distr. — Chile (Valdivia to Chiloé Island).

Genus NEOBERIS Lindner

- NEOBERIS Lindner, 1949:797. Type-species, *brasiliiana* Lindner (mon.).
BRASILIANA Lindner, 1949:797, 798. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus NEOCHORISOPS Lindner

- NEOCHORISOPS Lindner, 1935:397. Type-species, *brasiliensis* Lindner (mon.).
BRASILIENSIS Lindner, 1935:398. Type-locality: Brazil, Rio de Janeiro, Angra dos Reis, Juçara. Distr. — Brazil.
PLAUMANNI Lindner, 1949:792. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus NEOEXAIRETA Osten Sacken

- Exaireta* Schiner, 1867:309 (preocc. Hübner, 1820, as *Exaereta*). Type-species, *Xylophagus spiniger* Wiedemann (mon.).
NEOEXAIRETA Osten Sacken, 1878:44 (nom. nov. for *Exaireta* Schiner). Type-species, *Xylophagus spiniger* Wiedemann (aut.).
Neoexaereta, emendation.
Exaereta, emendation.
Exairete, error.
EUPODATA (Bigot), 1879:198 (*Exaireta*). Type-locality: "Chile". Distr. — Chile.
HYACINTHINA (Bigot), 1879:199 (*Exaireta*). Type-locality: "Chile". Distr. — Chile.
LONGICORNIS (Schiner), 1868:73 (*Exaireta*). Type-locality: "Chile". Distr. — Chile.
PHILIPPI (Rondani), 1863:88 (*Beris*). Type-locality: "Chile". Distr. — Chile. Ref. — Lindner, 1943 (suppl. descr.).

Genus OPLACHANTHA Rondani

- OPLACHANTHA Rondani, 1863:87. Type-species, *Beris mexicana* Bellardi (orig. des.).
Oplacantha, emend.
Hoplacantha, emend.
ANNULIPES Enderlein, 1921:207. Type-locality: Venezuela, Caracas. Distr. — Venezuela.
CINCTICORNIS Enderlein, 1921:204. Type-locality: Brazil, Santa Catarina. Distr. — Brazil.
FORMOSA Enderlein, 1921:207. Type-locality: Colombia, Cordilleras. Distr. — Colombia.

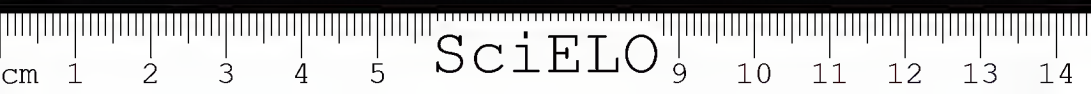


- IUBATA Enderlein, 1921:208. Type-locality: Peru, Vilcanota. Distr. — Colombia, Peru, Bolivia.
- LANUGINOSA Enderlein, 1921:205. Type-locality: Argentina, Salta. Distr. — Argentina.
- LATIFRONS Enderlein, 1921:206. Type-locality: Peru, Cuzco, Marcapata. Distr. — Peru.
- LIBATA Bigot, 1879:196. Type-locality: Mexico, Veracruz, Orizaba. Distr. — Mexico.
- MEXICANA (Bellardi), 1859:20, 1861:227 (*Beris*). Type-locality: "Mexico". Distr. — Mexico (San Luis Potosí, Veracruz, Chiapas), Guatemala, Costa Rica, Brazil (Guanabara, Rio de Janeiro, São Paulo).
- bellula* Williston, 1888:245 (*Beris*). Type-locality: Brazil, Guanabara, Rio de Janeiro.
- NIGERRIMA Lindner, 1949:795. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- PERUANA Enderlein, 1921:208. Type-locality: Peru, Cagon. Dist. — Peru.
- PULCHELLA Williston, 1888:245. Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Brazil.
- SIMILIS Enderlein, 1921:207. Type-locality: Chile, Colchagua, Rengo. Distr. — Chile.
- SUBCRASSICALX Enderlein, 1921:205. Type-locality: Peru, Cuzco, Callanga. Distr. — Peru.
- TRICOLOR (Wiedemann), 1828:83 (*Beris*). Type-locality: "Brazil". Distr. — Brazil (São Paulo).
- TRISTIS Enderlein, 1921:204. Type-locality: Brazil, São Paulo. Distr. — Brazil.
- VIRIATA Enderlein, 1921:206. Type-locality: Peru, Cuzco, Callanga. Distr. — Peru.

Subfamily SARGINAE

Genus ACROCHAETA Wiedemann

- ACROCHAETA Wiedemann, 1830:42. Type-species, *fasciata* Wiedemann (mon.).
- Compsosoma* Brauer, 1882:79, 87. Type-species, *chalconota* Brauer (orig. des.).
- ADUSTA Lindner, 1949:813. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- BREVISETA Walker, 1854:69. Type-locality: Brazil, Pará. Distr. — Brazil.
- CHALCONOTA (Brauer), 1882:79 (*Compsosoma*). Type-locality: "Venezuela". Distr. — Venezuela, ?Costa Rica. Ref. — Lindner, 1936 (suppl. descr., ?color variant).
- DEGENERATA Lindner, 1949:812. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- DIMIDIATA Lindner, 1949:811. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- ECHEMON (Walker), 1849:515 (*Sargus*). Type-locality: Brazil, Pará. Distr. — Brazil.
- ELEGANS Perty, 1833:184, tab. xxxvi. Type-locality: "Brazil". Distr. — Brazil.



FASCIATA Wiedemann, 1830:42. Type-locality: "Brazil". Distr. — Mexico (north to Veracruz) to Brazil (Santa Catarina). Ref. — Giglio-Tos, 1892:16 (redescr.).

flaveola Bigot, 1879:205 (*Histiodroma*). Type-locality: "Mexico".

ssp. MEXICANA Lindner, 1949:814. Type-locality: "Mexico". Distr. — Mexico.

GORGONA Lindner, 1949:814. Type-locality: Colombia, Gorgona Island. Distr. — Colombia.

HATERIUS (Walker), 1849:516 (*Sargus*). Type-locality: "Venezuela". Distr. — Venezuela.

LONGISETA Walker, 1854:69. Type-locality: Brazil, Pará. Distr. — Brazil.

LONGIVENTRIS Enderlein, 1914b:595. Type-locality: Brazil, Santa Catarina. Distr. — Brazil. Ref. — Lindner, 1935 (suppl. descr.).

PICTA (Brauer), 1882:80 (*Compsosoma*). Type-locality: "Venezuela". Distr. — Venezuela.

PLANA (Walker), 1856:82 (*Chrysochlora*). Type-locality: "Colombia". Distr. — Colombia.

TINCTA (Walker), 1856:82 (*Chrysochlora*). Type-locality: "Colombia". Distr. — Colombia.

Genus CEPHALOCHRYSA Kertész

CEPHALOCHRYSA Kertész, 1912:99. Type-species, *Sargus hovas* Bigot (orig. des.).

Isosargus James, 1935b:273. Type-species, *Chrysonotus nigricornis* Loew (orig. des.).

TEXANA (Melandar), 1904:19 (*Sargus*). Type-locality: U.S.A., Texas, Austin. Distr. — U.S.A., Mexico.

Genus EUMENOGASTRINA Enderlein

EUMENOGASTRINA Enderlein, 1914b:589. Type-species, *angusta* Enderlein (orig. des.).

ANGUSTA Enderlein, 1914b:589. Type-localities: Mexico, Chiapas; Costa Rica. Distr. — Mexico, Costa Rica.

ssp. CUPRARIA Enderlein, 1914b:590 (as *angusta* var., status uncertain). Type-locality: Costa Rica, no locality. Distr. — Costa Rica.

Genus HIMANTOLOBA McFadden

HIMANTOLOBA McFadden, 1970:274. Type-species, *Sargus flavopilosus* Bigot (orig. des.).

Chrysonotus Authors (not Loew, 1855, not Swainson, 1837).

Chrysochroma Authors (not Williston, 1896).

Chrysonotomyia Authors (not Hunter, 1900).

ALBIPES (Townsend), in Adams, 1903:31 (*Chrysochroma*). Type-locality: Mexico, Guito. Distr. — Mexico (Veracruz to Jalisco and Chiapas).

ANALIS (Williston), 1888:251 (*Chrysonotus*). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Brazil.



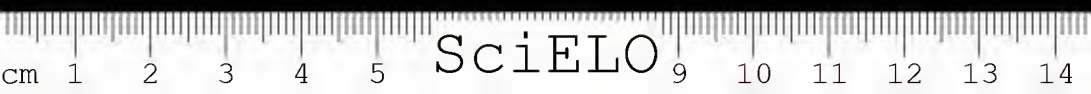
- DICHIROA Schiner, 1866:63 (*Chrysonotus*). Type-locality: "Colombia". Distr. — Colombia.
- FLAVIVENTRIS (Lindner), 1935:403 (*Chrysochroma*). Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr. — Brazil.
- FLAVONIGRA (Lindner), 1928:237 (*Sargus*). Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil (Guanabara to Santa Catarina). Refs. — Carrera & Lane, 1945:128 (descr. of ♀); Lindner, 1969 (suppl. descr.).
- FLAVOPILOSA (Bigot), 1879:227 (*Chrysonotus*). Type-locality: "Mexico". Distr. — Mexico (north to Nayarit and Veracruz) to Costa Rica.
- aeneiventris* Giglio-Tos, 1892:25 (*Chrysonotus*). Type-locality: Mexico, Orizaba.
- FULVITHORAX Bigot, 1879:228 (*Chrysonotus*). Type-locality: "Amazonia". Distr. — Brazil.
- JAMESI (Lindner), 1969:5 (*Sargus*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. N. comb.
- NIGRIFEMORATA (Macquart), 1847:47 (*Sargus*). Type-locality: "Mexico". Distr. — Mexico (Guerrero), Costa Rica.
- pulchra* Williston, 1900:233 (*Chrysochroma*). Type-locality: Mexico, Guerrero, Chilpancingo and Amula.
- SPLENDENS (Schiner), 1868:62 (*Chrysonotus*). Type-locality: "South America". Distr. — South America.
- SUPERBA (Lindner), 1949:803 (*Pedicella*). Type-locality: Guyana, Upper Courantyne River, King Frederick William IV Falls. Distr. — Guyana, Peru. Ref. — Lindner, 1951:248 (suppl. descr.). N. comb.
- VENUSTULA (Lindner), 1936:156 (*Chrysochroma*). Type-locality: "Costa Rica". Distr. — Costa Rica.

Genus MEROSARGUS Loew

- MEROSARGUS Loew, 1855:144. Type-species, *Sargus obscurus* Wiedemann (orig. des.). Refs. — James, 1941a (key); James & McFadden, 1971 (partial revision).
- Cocnosargus* Enderlein, 1914b:587. Type-species, *azureus* Enderlein (orig. des.).
- Aloipha* Enderlein, 1914b:584. Type-species, *cyaneoscutellata* Enderlein (orig. des.).
- Aloiphina* Lindner, 1949:810. Type-species, *stigmatica* Lindner (mon.).
- ABANA Curran, 1932b:4. Type-locality: Guatemala, Pochuta, Santa Emilia. Distr. — Mexico (Veracruz), Guatemala.
- ACUTUS James, in James & McFadden, 1971:35. Type-locality: Ecuador, Baños. Distr. — Ecuador.
- AENEUS (Lindner), 1949:808 (*Coenosargus*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- AKREI James & McFadden, 1971:7. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Mexico (Oaxaca) to Brazil (Amapá).
- ALBIDUS McFadden, in James and McFadden, 1971:8. Type-locality: Mexico, Sinaloa. Distr. — Mexico.



- ALBIFACIES James, 1941b:248. Type-locality: Mexico, D. F., Mexico. Distr. — Mexico (D. F., Morelos).
- ALBOPICTUS James, in James & McFadden, 1971:27. Type-locality: Peru, Madre de Dios, Avispas. Distr. — Peru.
- ALTICOLA McFadden, in James & McFadden, 1971:47. Type-locality: Mexico, Chiapas, San Cristóbal de las Casas. Distr. — Mexico.
- ALTIFRONS James, in James & McFadden, 1971:40. Type-locality: Venezuela, Rancho Grande nr. Maracay. Distr. — Venezuela.
- AMETHYSTINUS (Lindner), 1969:7 (*Aloipha*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- AMPULLA James, in James & McFadden, 1971:4. Type-locality: Peru, Madre de Dios, Avispas. Distr. — Peru.
- ANDINUS James, in James and McFadden, 1971:28. Type-locality: Peru, Cuzco, Quincemil. Distr. — Ecuador, Peru.
- ANGULATUS McFadden, in James & McFadden, 1971:17. Type-locality: Mexico, Hidalgo, Jacala. Distr. — Peru.
- ANGUSTUS James, in James & McFadden, 1971:29. Type-locality: Peru, Madre de Dios, Avispas. Distr. — Peru.
- ANTENNATUS Schiner, 1868:63. Type-locality: "South America". Distr. — "South America".
- ANTICUS Curran, 1932b:2. Type-locality: Guatemala, Moca Guatalon. Distr. — Mexico (Veracruz) to Venezuela and Argentina (Salta).
- APICALIS Lindner, 1935:404. Type-locality: Venezuela (?), Demerara. Distr. — Venezuela (?).
- ARCUATUS James, in James & McFadden, 1971:33. Type-locality: Ecuador, Napo, Coca. Distr. — Ecuador, Peru.
- ATRIANNULATUS McFadden, in James & McFadden, 1971:42. Type-locality: Mexico, Puebla, Tezuitlan. Distr. — Mexico.
- AUREONITENS James, in James & McFadden, 1971:40. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Canal Zone.
- AURIVENA James, in James & McFadden, 1971:35. Type-locality: Panama, Cerro Campana. Distr. — Panama.
- ssp. AUSTRALIS James, in James & McFadden, 1971:36. Type-locality: Colombia, Meta, Restrepo. Distr. — Colombia, Venezuela, Peru.
- AZUREUS (Enderlein), 1914b:587 (*Coenosargus*). Type-locality: Brazil, Santa Catarina. Distr. — Canal Zone to Guyana, Brazil (Santa Catarina), and Peru. Ref. — Lindner, 1929 (suppl. descr.).
- BANKSI James, 1936a:53. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Costa Rica, Canal Zone, Panama, Peru.
- BARBATUS James, in James & McFadden, 1971:20. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Canal Zone, Panama.
- BASALIS James, in James & McFadden, 1971:3. Type-locality: Costa Rica, Cartago, La Suiza de Turrialba. Distr. — Costa Rica.
- BEAMERI James, 1941c:107. Type-locality: U.S.A., Arizona, Baboquivari Mts. Distr. — U.S.A. (Arizona) to Mexico (Chiapas).
- BEQUAERTI Curran, 1928a:18. Type-locality: Guatemala, Porto Barrios. Distr. — Guatemala, Honduras.
- BITAENIATUS Lindner, 1949:816. Type-locality: Guyana, Essequibo R., Moraballi Creek. Distr. — Guyana.



- BITUBERCULATUS Schiner, 1868:64. Type-locality: "South America". Distr. — "South America".
- BIVITTATUS James, in James & McFadden, 1971:10. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- BRACHIATUS James, in James & McFadden, 1971:24. Type-locality: Costa Rica, Cartago, La Suiza de Turriabla. Distr. — Costa Rica, Panama.
- BRUNNEUS Lindner, 1933b:328. Type-locality: "Brazil". Distr. — Brazil.
- BRUNNIPES McFadden, in James & McFadden, 1971:13. Type-locality: Mexico, Veracruz, Jalapa. Distr. — Mexico (Morelos, Veracruz, Chiapas).
- BULBIFRONS Williston, 1900:235. Type-locality: Mexico, Guerrero, Xucumanatlan. Distr. — Mexico.
- C-NIGRUM (Lindner), 1951:247 (*Pedicella*). Type-locality: Peru, San Martín, Tingo Maria. Distr. — Ecuador, Peru.
- CALCEOLATUS Bigot, 1879:229. Type-locality: "Mexico". Distr. — Mexico.
- CINGULATUS Schiner, 1868:62. Type-locality: "South America". Distr. — Mexico (north to Veracruz) to Brazil (south to Santa Catarina).
- CITRINELLUS Lindner, 1949:815. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- CITRINUS James, in James & McFadden, 1971:47. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- COMPLICATUS James, in James & McFadden, 1971:43. Type-locality: Colombia, Meta, Villavicencio. Distr. — Colombia, Venezuela.
- CONCINNATUS Williston, 1900:235. Type-locality: Mexico, Guerrero, Omilteme. Distr. — Mexico.
- CONOPSOIDES James, in James & McFadden, 1971:45. Type-locality: Ecuador, Pastaza, Pompeya. Distr. — Ecuador.
- CONTORTUS James, in James & McFadden, 1971:4. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Canal Zone.
- CONVEXIFRONS McFadden, in James & McFadden, 1971:37. Type-locality: Mexico, Puebla, Tezuitlan. Distr. — Mexico (Hidalgo, Puebla), Costa Rica, Ecuador.
- CORIACEUS Giglio-Tos, 1891:4 (1892:21). Type-locality: Mexico, Orizaba. Distr. — Mexico (Morelos, Orizaba), Guatemala, Costa Rica. Ref. — Lindner, 1936:155 (suppl. descr.).
- ccrcaceus* Williston, 1900:235; ?lapsus.
- COXALIS Lindner, 1949:817. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- bituberculatus* Schiner of Lindner, 1935:405, misident.
- CYANEOSCUTELLATUS (Enderlein), 1914b:585 (*Aloipha*). Type-locality: Mexico, Chiapas. Distr. — Mexico, Guatemala.
- CYRTOMETOPIUS James, in James & McFadden, 1971:28. Type-locality: Peru, Madre de Dios, Avispas. Distr. — Peru.
- DISSIMILIS Giglio-Tos, 1891:3 (1892:20). Type-locality: Mexico, Orizaba. Distr. — Mexico.
- DIVISUS James, in James & McFadden, 1971:11. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.

- DORSALIS Lindner, 1969:7. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- ELATUS Curran, 1932b:5. Type-locality: Canal Zone, France Field. Distr. — Mexico (Tabasco), Costa Rica, Panama, Canal Zone.
- ELONOTATUS James, in James & McFadden, 1971:13. Type-locality: Peru, Madre de Dios, Avispas. Distr. — Canal Zone, Ecuador, Peru.
- ETHELIA Curran, 1932b:6. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Canal Zone.
- EUNOMUS James, 1967a:8. Type-locality: Dominica, Clarke Hall. Distr. — Dominica.
- FESTIVUS Williston, 1888:250. Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil (Guanabara to Santa Catarina).
- FLAVICEPS McFadden, in James & McFadden, 1971:33. Type-locality: Mexico, Chiapas, Palenque Ruins. Distr. — Mexico (Veracruz, Chiapas, Oaxaca).
- FLAVISSIMUS James, in James & McFadden, 1971:37. Type-locality: Peru, San Martín, Tingo Maria. Distr. — Peru.
- FLAVITARSIS (Lindner), 1969:8 (*Aloipha*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- FRATERNUS Bigot, 1879:228. Type-locality: "Mexico". Distr. — Mexico.
- FRONTATUS Schiner, 1868:63. Type-locality: "Colombia". Distr. — Colombia.
- FROSTI James, 1941a:307. Type-locality: Ecuador, Baños. Distr. — Ecuador.
- FUMIPENNIS James, in James & McFadden, 1971:42. Type-locality: Ecuador, Tandapi. Distr. — Ecuador.
- GEMINATUS James, in James & McFadden, 1971:29. Type-locality: Peru, Madre de Dios, Avispas. Distr. — Peru.
- GOLBACHI James, in James & McFadden, 1971:50. Type-locality: Argentina, Tucumán, Burruyacu Distr. Distr. — ?Peru, Argentina.
- GOWDEYI Curran, 1928a:18. Type-locality: Colombia, Rio Frio. Distr. — Guatemala to Brazil (south to Santa Catarina); Trinidad.
- GRACILIOR James, in James & McFadden, 1971:19. Type-locality: Ecuador, Tema, Libertad. Distr. — Ecuador, Peru.
- GRACILIS Williston, 1888:249. Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Venezuela, Ecuador, Peru, Brazil (south to São Paulo).
- GRANULOSUS James, in James & McFadden, 1971:20. Type-locality: Ecuador, Tandapi. Distr. — Ecuador.
- HANSONI James, in James & McFadden, 1971:12. Type-locality: Panama, Cerro Campana. Distr. — Costa Rica, Panama.
- HOFFMANNI Lindner, 1935:405. Type-locality: Brazil, Santa Catarina, Jaraguá. Distr. — Brazil.
- HYALOPTERUS Giglio-Tos, 1891:3 (1892:19). Type-locality: Mexico, Orizaba. Distr. — Mexico (Veracruz), Ecuador, Peru.
- IRWINI James & McFadden, 1971:6. Type-locality: Mexico, Chiapas, Huixtla. Distr. — Mexico, El Salvador.
- LACRIMOSUS James, 1971:34. Type-locality: Peru, Cuzco, Quincemil. Distr. — Peru.
- LAMPNOTUS James, 1941a:308. Type-locality: Panama, Cabima. Distr. — Costa Rica, Canal Zone, Panama.



- LANIGER James, in James & McFadden, 1971:48. Type-locality: Ecuador, Napo, Coca. Distr. — Ecuador.
- LATEROMACULATUS James, in James & McFadden, 1971:15. Type-locality: Ecuador, Tena, Libertad. Distr. — Ecuador, Peru.
- LINEARIS James, in James & McFadden, 1971:20. Type-locality: Peru, Madre de Dios, Avispas. Distr. — Peru.
- LONGIPES McFadden, in James & McFadden, 1971:9. Type-locality: Mexico, Chiapas, Rayon. Distr. — Mexico.
- LURIDUS Loew, 1855:145. Type-locality: "Venezuela". Distr. — Venezuela.
- LUTZI Curran, 1932b:3. Type-locality: Guyana, Tukeit. Distr. — Canal Zone, Guyana.
- LYRICUS James & McFadden, 1971:11. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Mexico (Veracruz, Chiapas, Oaxaca), Canal Zone.
- ssp. ECUADORENSIS James & McFadden, 1971:11. Type-locality: Ecuador, Napo, Coca. Distr. — Ecuador.
- ssp. INCANUS James & McFadden, 1971:11. Type-locality: Peru, Cuzco, Quincemil. Distr. — Costa Rica, Colombia, Peru.
- MEGALOPYGE James, in James & McFadden, 1971:32. Type-locality: Peru, Cuzco, Quincemil. Distr. — Ecuador, Peru.
- MELANOTHORAX McFadden, in James & McFadden, 1971:17. Type-locality: Mexico, Chiapas, San Cristobal. Distr. — Mexico.
- MIRABILIS James, in James & McFadden, 1971:22. Type-locality: Guatemala, Guatemala City. Distr. — Guatemala.
- NEBULIFER James, in James & McFadden, 1971:49. Type-locality: Peru, Madre de Dios, Avispas. Distr. — Canal Zone, Panama, Ecuador, Peru.
- NIGRIBASIS James, in James & McFadden, 1971:41. Type-locality: Peru, Madre de Dios, Avispas. Distr. — Peru.
- NOTATUS Lindner, 1949:807. Type-locality: Colombia, Gorgona Island. Distr. — Colombia.
- OBSCURUS (Wiedemann), 1820:35 (*Sargus*). Type-locality: "Brazil". Distr. — Brazil.
- OBTUSIPENNIS (Lindner), 1949:809 (*Coenosargus*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- OPALIGER Lindner, 1931:306. Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil (Guanabara to São Paulo).
- ORIZABAE Giglio-Tos, 1891:3 (1892:20). Type-locality: Mexico, Orizaba. Distr. — Mexico.
- PALLIDUS McFadden, in James & McFadden, 1971:17. Type-locality: Mexico, Veracruz, Jalapa. Distr. — Mexico.
- PALLIFRONS Curran, 1932b:3. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Canal Zone.
- PANAMENSIS McFadden, in James & McFadden, 1971:9. Type-locality: Panama, Bocas del Toro. Distr. — Costa Rica, Panama, Ecuador, Peru.
- PAR Curran, 1932b:7. Type-locality: Guatemala, Moca, Guatemala. Distr. — Mexico (Veracruz, Chiapas), El Salvador, Canal Zone.

- PENAI James, in James & McFadden, 1971:25. Type-locality: Ecuador, Napo, Coca. Distr. — Ecuador.
- PERUVIANUS James, in James & McFadden, 1971:51. Type-locality: Peru, Madre de Dios, Avispas. Distr. — Ecuador, Peru.
- PETIOLATUS (Macquart), 1838:202 (separate, p. 206) (*Sargus*). Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil.
- PICTIPES James, in James & McFadden, 1971:30. Type-locality: Peru, Madre de Dios, Avispas. Distr. — Ecuador, Peru.
- PICTITHORAX Curran, 1933:1. Type-locality: Guatemala, Moca, Guatemala. Distr. — Guatemala.
- PRODUCTUS James, in James & McFadden, 1971:33. Type-locality: Venezuela, Rancho Grande near Maracay. Distr. — Venezuela.
- PSEUDOLYRICUS James, in James & McFadden, 1971:6. Type-locality: Ecuador, Napo, Coca. Distr. — Ecuador.
- PULCHER James, in James & McFadden, 1971:7. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Canal Zone.
- QUADRATUS James, in James & McFadden, 1971:44. Type-locality: Ecuador, Zamora, Jumboc River. Distr. — Ecuador.
- QUADRIFASCIATUS Lindner, 1941:178. Type-locality: Peru, Sivia. Distr. — Colombia, Ecuador, Peru.
- ROBUSTUS McFadden, in James & McFadden, 1971:39. Type-locality: Mexico, Oaxaca, "Rin Antonio". Distr. — Mexico.
- ROSSI James, in James & McFadden, 1971:5. Type-locality: Peru, San Martín, Tingo Maria. Distr. — Peru.
- ROTUNDATUS Curran, 1932b:4. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Costa Rica, Canal Zone.
- SCHILDI James, in James & McFadden, 1971:10. Type-locality: Costa Rica, San Mateo, Higuito. Distr. — Costa Rica.
- SCROBICULUS McFadden, in James & McFadden, 1971:46. Type-locality: Mexico, Veracruz, Jalapa. Distr. — Mexico (Veracruz, San Luis Potosí).
- SEXMACULATUS McFadden, in James & McFadden, 1971:16. Type-locality: Mexico, Veracruz, Jalapa. Distr. — Mexico.
- SEXNOTATUS James, 1941a:306. Type-locality: Brazil, São Paulo, Juquiá. Distr. — Brazil.
- SMARAGDIFERUS (Bigot), 1879:226 (*Macrosargus*). Type-locality: "Mexico". Distr. — Mexico.
- SPATULATUS Williston, 1900:235. Type-locality: Mexico, Guerrero, Omilteme. Distr. — Mexico.
- STAMINEUS (Fabricius), 1805:253 (*Scaeva*). Type-locality: "South America". Distr. — Mexico (north to Nayarit and San Luis Potosí) to Peru and Brazil (Minas Gerais).
- STIGMATICUS (Lindner), 1949:810 (*Aloiphina*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Ref. — Lindner, 1969 (suppl. descr.).
- SUBINTERRUPTUS (Bellardi), 1859:44, 1861:244 (*Sargus*). Type-locality: "Mexico". Distr. — Mexico (Sinaloa).
- SUBOBSCURUS Lindner, 1969:6. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

- SUPERNITENS James, in James & McFadden, 1971:31. Type-locality: Costa Rica, Cartago, La Suiza de Turrialba. Distr. — Costa Rica.
- TAENIATUS (Wiedemann), 1830:37 (*Sargus*). Type-locality: "Brazil". Distr. — Brazil (Pará, São Paulo).
- TANGENS James, in James & McFadden, 1971:31. Type-locality: Ecuador, Napo, Coca. Distr. — Ecuador, Peru.
- TELFORDI James, in James & McFadden, 1971:48. Type-locality: Puerto Rico, El Verde, Caribbean National Forest. Distr. — Puerto Rico.
- TENEBRICOSUS Lindner, 1929:259. Type-locality: Brazil, Pará, Tapcrinha near Santarém. Distr. — Brazil.
- TENUICORNIS James, in James & McFadden, 1971:39. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Canal Zone.
- TERMINALIS James, in James & McFadden, 1971:36. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Canal Zone, Ecuador.
- TRANSVERSUS McFadden, in James & McFadden, 1971:15. Type-locality: Mexico, Veracruz, Catemaco. Distr. — Mexico, Peru.
- TRIANGULATUS McFadden, in James & McFadden, 1971:19. Type-locality: Mexico, Chiapas, Yerba Buena. Distr. — Mexico.
- TRIPARTITUS James, in James & McFadden, 1971:52. Type-locality: Peru, Cuzco, Quincemil. Distr. — Ecuador, Peru.

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- TRISTIS Loew, 1855:145. Type-locality: "Venezuela". Distr. — Venezuela.
- TRITAENIATUS Lindner, 1929:259. Type-locality: Brazil, Pará, Taperinha near Santarém. Distr. — Ecuador, Peru, Brazil (Amazon Basin).
- VARICORNIS James, in James & McFadden, 1971:51. Type-locality: Costa Rica, Cartago, La Suiza de Turrialba. Distr. — Costa Rica.
- VARIERUS James, in James & McFadden, 1971:23. Type-locality: Ecuador, Pastaza, Pompeya. Distr. — Ecuador.
- VENTRALIS McFadden, in James & McFadden, 1971:46. Type-locality: Mexico, Chiapas, San Cristóbal. Distr. — Mexico.
- VERTEBRATUS James, in James & McFadden, 1971:14. Type-locality: Peru, Madre de Dios, Avispas. Distr. — Panama, Peru.
- VIRIDIS McFadden, in James & McFadden, 1971:8. Type-locality: Mexico, Veracruz, Lake Catemaco. Distr. — Mexico, Costa Rica.
- ZETEKI James, in James & McFadden, 1971:44. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Canal Zone.

Genus MICROCHRYSA Loew

- MICROCHRYSA Loew, 1855:146. Type-species, *Musca polita* Linnaeus (orig. des.).
- BICOLOR (Wiedemann), 1830:41 (*Sargus*). Type-locality: "Puerto Rico". Distr. — Mexico (north to Veracruz and Nayarit) to Brazil (south to Santa Catarina), Paraguay, and Argentina (Misiones, Salta); Cuba, Haiti, Dominican Republic, Puerto Rico, Jamaica, Trinidad, Tobago. Ref. — James, 1967a (suppl. descr.).
- abdominalis* James, 1936a:51. Type-locality: Canal Zone, Ancon.
- bruesi* Johnson, 1919:426. Type-locality: Jamaica, Kingston, Liguanea Plain.

- ssp. *MACULATA* Lindner, 1949:819 (as var.). Type-localities: Argentina, Misiones, Alto Paraná, Bemberg, and Brazil, Santa Catarina, Nova Teutônia. Distr. — Argentina, Brazil.
- DISPAR* Schiner, 1868:61. Type-locality: "South America". Distr. — South America.
- LATIFRONS* (Williston), 1900:234 (*Chrysochroma*). Type-locality: Mexico, Guerrero, Chilpancingo. Distr. — Mexico.
- MACULA* (Fabricius), 1805:258 (*Sargus*). Type-locality: "South America". Distr. — South America.
- NOVA* Giglio-Tos, 1891:2, 1892:102. Type-locality: "Mexico". Distr. — Mexico.

Genus *PTECTICUS* Loew

- PTECTICUS* Loew, 1855:142. Type-species, *Sargus testaceus* Fabricius (orig. des.). Ref. — James, 1941a (key).
- Plecticus*, error.
- ADUSTUS* Lindner, 1949:804. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- AFFINIS* Schiner, 1868:65. Type-locality: "South America". Distr. — Brazil (Mato Grosso).
- CILIATUS* James, 1941a:302. Type-locality: Peru, Rio Putumayo, Puerto Alfonso. Distr. — Peru.
- CONCINNUS* Williston, 1900:238. Type-localities: Mexico, Guerrero, Amula, Omilteme, and Xucumanatlan. Distr. — Mexico.
- CONOPSODES* Schiner, 1868:66. Type-locality: "Colombia". Distr. — Colombia.
- CYANIFRONS* (Rondani), 1848:43, 75 (*Sargus*). Type-locality: "Brazil". Distr. — Mexico (north to Nuevo Leon and Tamaulipas) to Brazil (south to Santa Catarina); Cuba, Puerto Rico, Trinidad.
- nigrifrons* Enderlein, 1914b:584. Type-locality: Mexico, Chiapas (as *testaceus* var.).
- FIGULINUS* Lindner, 1940:193. Type-locality: Costa Rica, Hamburg Farm. Distr. — Costa Rica.
- FIGLINUS* Osten Sacken, 1886:24. Type-locality: Guatemala, San Gerónimo. Distr. — Mexico (Guerrero, Jalisco, Chiapas); Guatemala.
- FLAVICEPS* Bigot, 1879:230 (as *Plecticus*, *lapsus*). Type-locality: "Mexico". Distr. — Mexico.
- GIGLIOTOSI* McFadden, 1971b:412 (nom. nov. for *trivittatus* Say of Giglio-Tos). Type-locality: "Mexico". Distr. — Mexico.
- trivittatus* Say of Giglio-Tos, 1891:3, 1892:24, misident.
- ILLUSTRIS* Schiner, 1868:64. Type-locality: "South America". Distr. — South America.
- INOPS* Lindner, 1949:803. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- INVERSUS* Curran, 1934:321. Type-locality: Guyana, Kamakusa. Distr. — Guyana, Peru, Brazil (south to São Paulo).
- LANEI* James, 1941a:301. Type-locality: Brazil, São Paulo, Batéia. Distr. — Brazil (São Paulo, Paraná).



- MACULATUS Williston, 1900:238. Type-locality: Mexico, N. Yucatan. Distr. — Mexico.
- NERULIFER James, 1941a:303. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- NIGROPYGHALIS Lindner, 1931:305. Type-locality: Boliva, Santa Cruz de la Sierra. Distr. — Bolivia, Guyana, Brazil (Amazonas).
- NITIDIPENNIS Loew, 1855:143. Type-locality: "Venezuela". Distr. — Venezuela.
- NUBILIPENNIS James, 1938:202. Type-locality: Colombia, Boyaca, Muzo. Distr. — Panama to Peru.
- POMACEUS Loew, 1855:144. Type-locality: "Chile". Distr. — Chile.
- SACKENI Williston, 1885:124. Type-locality: U.S.A., Florida. Distr. — U.S.A., widespread; Mexico (south to Chiapas). Ref. — McFadden, 1967 (larva).
- TENUIS Schiner, 1868:66. Type-locality: "Colombia". Distr. — Colombia.
- TERMINALIS James, 1938:202. Type-locality: Colombia, Boyaca, Muzo. Distr. — Colombia.
- TESTACEUS (Fabricius), 1805:257 (*Sargus*). Type-locality: "South America". Distr. — Mexico (north to Tamaulipas) to Brazil (south to Santa Catarina) and Argentina (south to Córdoba); Trinidad. Ref. — Lindner, 1926 (larva).

Genus *SARGUS* Fabricius *

- SARGUS* Fabricius, 1798:549, 566. Type-species, *Musca cupraria* Linnaeus (Latreille, 1810:442). Alleged preoccupation by *Sargus* Klein, a pre-Linnaean name.
- Geosargus* Bezzi, 1907:53 (unjustified new name for *Sargus* Fabricius). Type-species, *Musca cupraria* Linnaeus (aut.).
- Sargus*, subg. *PEDICELLINA* James, 1952:225. Type-species, *Sargus notatus* Wiedemann (orig. des.) = *fasciatus* Fabricius.
- ALCHIDAS* Walker, 1849:517. Type-locality: "Jamaica". Distr. — Jamaica. Ref. — Johnson, 1894 (suppl. deser.).
- ATROBASIS* (James), 1941b:247 (*Geosargus*). Type-locality: Mexico, Guerrero, Iguala. Distr. — Mexico.
- BAGOSUS* Walker, 1849:518. Type-locality: "Jamaica". Distr. — Jamaica.
- BRASILIENSIS* Wiedemann, 1830:37. Type-locality: "Brazil". Distr. — Canal Zone, Brazil (Rio de Janeiro, Guanabara). Ref. — Lindner, 1935 (suppl. deser.).
- CAESIUS* Bellardi, 1859:40, 1861:240. Type-localities: Mexico, Guerrero, Omilteme, Xucumanatlan, Sierra de las Aguas Escondidas, and Anganguco. Distr. — Mexico (Nuevo Leon to Durango and Guerrero).
- filiformis* Giglio-Tos, 1891:4 (1892:28). Type-locality: "Mexico".
- CHIRYSCOOMUS* (James), 1941b:247 (*Geosargus*). Type-locality: Mexico, D. F., Mexico City. Distr. — Mexico (D. F., Michoacán).

* Undoubtedly, some species listed here belong to other genera of Sarginae. At least two subgenera can be recognized. Correct generic and subgeneric assignment can be made only after further studies have been completed.

- CIRCUMCINCTUS (James), 1941a:303 (*Geosargus*). Type-locality: Brazil, Rio de Janeiro, Tinguá. Distr. — Brazil (Rio de Janeiro to São Paulo).
- CLAVATUS Walker, 1854:93. Type-locality: Brazil, Pará. Distr. — Mexico to Brazil (Pará).
- var., Bellardi, 1859:41, 1861:241. Mexico, Michoacán, Morelia.
- CLAVIVENTUS Rondani, 1850:190. Type-locality: "Venezuela". Distr. — Venezuela.
- CONCINNUS Osten Sacken, 1886:23. Type-locality: Guatemala, San Gerónimo. Distr. — Guatemala.
- CONTRACTUS Walker, 1854:319. Type-locality: Brazil, Pará, Santarém. Distr. — Brazil.
- FASCIATUS Fabricius, 1805:259. Type-locality: "South America". Distr. — U.S.A. (north to New York and Michigan) to Brazil (south to Santa Catarina) and Paraguay; West Indies (Cuba, Santo Domingo, Haiti, Puerto Rico, Jamaica, Granada, Dominica, Trinidad). Ref. — James, 1967a (suppl. descr., as *notatus*).
- notatus* Wiedemann, 1830:34. Type-locality: "Brazil".
- coarctatus* Macquart, 1838:207 (separate, p. 203). Type-locality: "Brazil" (Macquart says Brazil or Chile).
- sallei* Bellardi, 1859:43, 1861:243. Type-locality: "Mexico".
- lucens* Loew, 1866:7 (Cent. 7, no. 1). Type-locality: "Cuba".
- tricolor* Loew, 1866:8 (Cent. 7, no. 12). Type-locality: "Cuba".
- lunus* Bigot, 1879:187 (?*Macrosargus*), nomen nudum or lapsus for *lucens*.
- schwarzi* Curran, 1928a:16. Type-locality: Puerto Rico, Cayey.
- FLAVILATUS* James, nom. nov. for *lateralis* James.
- lateralis* James, 1936a:52 (*Isosargus*; preocc. Macquart, 1834). Type-locality: Canal Zone, Barro Colorado Island.
- ILLUMINATUS (Lindner), 1949:815 (*Geosargus*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- JUCUNDUS Walker, 1850:xvii. Type-locality: Brazil, Pará. Distr. — Brazil.
- LATERALIS Macquart, 1834:262. Type-locality: "Cuba". Distr. — Cuba.
- LATUS Bellardi, 1859:41, 1861:241. Type-locality: "Mexico". Distr. — Mexico.
- LINEARIS Walker, 1854:318. Type-locality: "Mexico". Distr. — Mexico.
- LUCIDUS (Lindner), 1949:805 (*Geosargus*). Type-localities: British Honduras, Rio Grande, and Guyana, Mazaruni. Distr. — British Honduras, Guyana.
- MACQUARTH Perty, 1833:185, pl. 37, fig. 2. Type-locality: Brazil, Bahia. Distr. — Brazil.
- MELLEUS Rondani, 1848:104. Type-locality: "Brazil". Distr. — Brazil.
- MULTICOLOR (Lindner), 1949:806 (*Geosargus*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- OPULENTUS Walker, 1854:319. Type-locality: Brazil, Pará. Distr. — Brazil.
- PLEURITICUS Loew, 1866:8 (Cent. 7, no. 13). Type-locality: "Cuba".
- RUFIBASIS (Bigot), 1879:225 (*Macrosargus*). Type-locality: "South America". Distr. — South America.

* *Flavilatus* = yellow side.

- SAPHIREUS Bigot, 1887:28. Type-locality: "Cuba". Distr. — Cuba.
sapphireus, emendation or error.
- SPECIOSUS Macquart, 1846:184 (separate, p. 56). Type-locality: Mexico, Yucatan, Merida. Distr. — Mexico (north to Sinaloa and Veracruz) to Costa Rica. Ref. — Lindner, 1936 (suppl. descr.).
aureus Bellardi, 1859:42, 1861:242. Type-locality: "Mexico".
splendens Bigot, 1879:224. Type-locality: "Mexico".
- TENUIVENTRIS (Bigot), 1879:225 (*Macrosargus*). Type-locality: "Brazil, Amazonia". Distr. — Brazil.
- THORACICUS Macquart, 1834:261. Type-locality: "South America". Distr. — Mexico (north to Veracruz) to Brazil (south to Santa Catarina).
- VERSICOLOR Bellardi, 1862:13, 1864:212. Type-locality: Mexico, Oaxaca. Distr. — Mexico.
- VIOLACEUS Jaennicke, 1867:326. Type-locality: "Brazil". Distr. — Brazil.

Subfamily RHAPHIOCERINAE

Refs. — James, 1943a, 1966b; McFadden, 1970b.

Genus ANALCOCEROIDES Hollis

- ANALCOCEROIDES Hollis, 1962:558. Type-species, *Campeprosopa longicornis* Williston (orig. des.).
- LONGICORNIS (Williston), 1900:239 (*Campeprosopa*). Type-locality: Mexico, Guerrero, Omiteme. Distr. — Mexico.

Genus ANALCOCERUS Loew

- ANALCOCERUS Loew, 1855:140. Type-species, *atriceps* Loew (orig. des.).
- ATRICEPS Loew, 1855:140. Type-locality: "Brazil". Distr. — Brazil (Minas Gerais to Santa Catarina).
- ORBITALIS James, 1943a:368. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- TAURUS James, 1943a:370. Type-locality: Brazil, São Paulo, S. Sebastião. Distr. — Brazil (São Paulo).

Genus ANISOSCAPUS McFadden

- ANISOSCAPUS McFadden, 1970b:317. Type-species, *chlorovittatus* McFadden (orig. des.).
- CHLOROVITTATUS McFadden, 1970b:317. Type-locality: Mexico, Oaxaca, Matias Romero. Distr. — Mexico.
- OCERACEUS McFadden, 1970:318. Type-locality: Mexico, Nayarit, Compostela. Distr. — Mexico.

Genus AULOCEROMYIA Lindner

- AULOCEROMYIA Lindner, 1969:8, 9. Type-species, *vespiformis* Lindner (mon.).
- VESPIFORMIS Lindner, 1969:10. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.



Genus BASENTIDEMA Macquart

- BASENTIDEMA Macquart, 1838:201 (separate, p. 197). Type-species, *syrrhoides* Macquart (mon.).
- COERULESCENS James, 1943a:376. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- HORTULANA (Wiedemann), 1830:32 (*Sargus*). Type-locality: "Brazil". Distr. — Brazil (Rio de Janeiro, Guanabara, São Paulo).
- SYRRHOIDES Macquart, 1838:201 (separate, p. 197). Type-locality: "Brazil". Distr. — Brazil.

Genus BRACHYTHRIX McFadden

- BRACHYTHRIX McFadden, 1970b:318. Type-species, *dileucostigma* McFadden (orig. des.).
- DILEUCOSTIGMA McFadden, 1970b:320. Type-locality: Mexico, Nuevo Leon, Cañon del Diente. Distr. — Mexico.

Genus CYCLOPHLEPS James

- CYCLOPHLEPS James, 1943a:375. Type-species, *tenebrifera* James (orig. des.).
- TENEBRIFERA James, 1943a:375. Type-locality: Peru, Iquitos. Distr. — Peru.

Genus DICRANOPHORA Macquart

- DICRANOPHORA Macquart, 1834:255. Type-species, *Sargus fureifer* Wiedemann (Macquart, 1838:99).
- AFFINIS Williston, 1888:251. Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil.
- ASTUTA Williston, 1888:250. Type-locality: Not stated [Brazil]. Distr. — presumably Brazil.
- BREVIFURCA James, 1943a:371. Type-locality: Paraguay, Villarica. Distr. — Paraguay.
- FURCIFERA (Wiedemann), 1824:40 (*Sargus*). Type-locality: "Brazil". Distr. — Brazil (Guanabara).
- PECTA Macquart, 1834:255. Type-locality: French Guiana, Mana R. Distr. — Brazil.

Genus DOLICOTHRIX McFadden

- DOLICOTHRIX McFadden, 1970b:318. Type-species, *melanothorax* McFadden (orig. des.).
- MELANOTHORAX McFadden, 1970b:318. Type-locality: Mexico, Oaxaca, Tehuantepec. Distr. — Mexico.

Genus HEPTOZUS Lindner

- HEPTOZUS Lindner, 1949:799. Type-species, *ecuadorianus* Lindner (mon.).
- ECUADORIANUS Lindner, 1949:800. Type-locality: N. Ecuador. Distr. — Ecuador.



HANSONI James, 1966b:679. Type-locality: Panama, Cerro Campana. Distr.
— Canal Zone, Panama, Ecuador.

Genus HISTIODROMA Schiner

HISTIODROMA Schiner, 1868:68. Type-species, *Sargus inermis* Wiedemann
(orig. des.).

FASCIPENNIS James, 1943a:373. Type-locality: Brazil, São Paulo, Cotia. Distr.
— Brazil (São Paulo, Santa Catarina).

INERMIS (Wiedemann), 1830:31 (*Sargus*). Type-locality: "Brazil". Distr.
— Brazil (Guanabara).

TRICOLOR James, 1940b:121. Type-locality: Peru, Chanchamayo, La Merced,
Rio Toro. Distr. — Peru.

Genus HOPLISTES Macquart

HOPLISTES Macquart, 1834:253. Type-species, *Sargus bispinosus* Wiedemann
(orig. des.).

BISPINOSUS (Wiedemann), 1830:32 (*Sargus*). Type-locality: "Brazil". Distr.
— Guyana, Brazil.

PLEURALIS James, 1949:1. Type-locality: Brazil, Rio Grande do Norte, Natal.
Distr. — Brazil.

Genus LYSOZUS Enderlein

LYSOZUS Enderlein, 1914b:579. Type-species, *columbianus* Enderlein (orig.
des.).

COLUMBIANUS Enderlein, 1914:580. Type-locality: Colombia, Hacienda
Pehlke. Distr. — Colombia.

Genus NEANALCOCERUS James

NEANALCOCERUS James, 1943a:370. Type-species, *Analcocerus hortulanus*
Williston (orig. des.).

HORTULANUS (Williston), 1900:238 (*Analcocerus*). Type-locality: Mexico, N.
Yucatan. Distr. — Mexico (Guerrero, Yucatan).

Genus PEZODONTINA Lindner

PEZODONTINA Lindner, 1949:800. Type-species, *guianae* Lindner (mon.).

GUIANAE Lindner, 1949:801. Type-localities: Guyana, Upper Courantyne R.,
Essequibo R., and Cuyuni R., high forest. Distr. — Guyana.

Genus PHANEROZUS James

PHANEROZUS James, 1966b:676. Type-species, *rettenmeyeri* James (orig.
des.) = *pampinus* (Osten Sacken).

PAMPINUS (Osten Sacken), 1886:25 (*Rhaphiocera*). Type-locality: Panama,
Volcan de Chiriqui. Distr. — Costa Rica, Canal Zone, Panama.

rettenmeyeri James, 1966b:677. Type-locality: Canal Zone, Barro
Colorado Island.



Genus RHAPHIOCERA Macquart

- RHAPHIOCERA Macquart, 1834:253. Type-species, *Sargus armatus* Wiedemann (mon.). Ref. — Lindner, 1931.
- ARMATA (Wiedemann), 1830:29 (*Sargus*). Type-locality: "Brazil". Distr. — Brazil (Mato Grosso to Espírito Santo and Rio Grande do Sul).
 ssp. BORGMEIERI Lindner, 1931:310 (as var.). Type-locality: Brazil, Santa Catarina, Hansa (= Corupá). Distr. — Brazil.
 ssp. HANSAE Lindner, 1931:310 (as var.). Type-locality: Brazil, Santa Catarina, Hansa (= Corupá). Distr. — Brazil.
 ssp. MINAENSIS Lindner, 1931:310 (as var.). Type-locality: Brazil, Minas Gerais. Distr. — Brazil.
 ssp. STIEGLMAYRI Lindner, 1931:310 (as var.). Type-locality: Brazil, Rio Grande do Sul. Distr. — Brazil.
 ssp. TRANSHANSAE Lindner, 1931:310 (as var.). Type-locality: Brazil, Rio Grande do Sul. Distr. — Brazil.
 ssp. ZIKANI Lindner, 1935:399 (as var.). Type-locality: Brazil, Rio de Janeiro, Itatiaia.
- CALOPTERA Osten Sacken, 1886:26. Type-locality: Mexico, Veracruz, Paso del Macho. Distr. — Mexico (Veracruz, Chiapas).
- CRUCIANA Lindner, 1951:246. Type-locality: Peru, La Merced, Rio Chanchamayo. Distr. — Peru.
- FALLENI (Perty), 1830:184 (*Sargus*). Type-locality: "Brazil". Listed by Kertész as questionably a synonym of *armata*.
- FASCIPENNIS Lindner, 1949:802. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- HOPLISTES (Wiedemann), 1830:30 (*Sargus*). Type-locality: Not stated. Distr. — Brazil.
pomaceus Wiedemann of Macquart, 1834:254 (*Hoplites*). No locality, misident.
- LIMBATA Lindner, 1949:801. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- MIPARTITA Macquart, 1846:182 (separate, p. 54). Type-locality: "Colombia". Distr. — Colombia.
bipartita Walker, 1854:79, error.
- ORNATA Macquart, 1846:183 (separate, p. 55). Type-locality: "Colombia". Distr. — Colombia, Ecuador, Bolivia
- PICTA Wulp, 1879:22. Type-locality: "Brazil". Distr. — Brazil.
- SANTIPauli Lindner, 1931:310. Type-locality: Brazil, São Paulo. Distr. — Brazil.

Subfamily CLITELLARIINAE

Tribe ANTISSINI

Genus ANTISSA Walker

- ANTISSA Walker, 1854:63. Type-species, *Clitellaria cuprea* Walker (orig. des.). Ref. — Kertész, 1908, as *Cyanauges* (suppl. descr.).
- Exodontha* Rondani, 1856:169. Type-species, *pedemontana* Rondani (orig. des.) = *dubia* (Zetterstedt). N. SYN.



Cyanauges Rondani, 1863:88. Nomen nudum.

Cyanauges Philippi, 1865:732. Type-species, *valdivianus* Philippi = *Oplacantha valdiviana* Rondani (mon.).

Parantissa Enderlein, 1914c:10. Type-species, *Cyanauges ruficornis* Schiner (orig. des.).

RUFICORNIS (Schiner), 1868:54 (*Cyanauges*). Type-locality: "Chile". Distr. — Chile.

VALDIVIANA (Rondani), 1863:88 (*Oplacantha*). Type-locality: Chile, Valdivia. Distr. — Chile. Ref. — Lindner, 1943 (suppl. descr.).

valdiviana Philippi, 1865:732 (*Cyanauges*). Type-localities: Chile, Valdivia and Santiago.

VILLOSA (Lindner), 1969:3 (*Exodontha*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Tribe CYPHOMIINI

Ref. — James, 1940a (Key Neotropical genera, except *Abasanistus*).

Genus ABASANISTUS Kertész

ABASANISTUS Kertész, 1923:90. Type-species, *rubricornis* Kertész (orig. des.). Ref. — Kertész, 1923.

PAULSENI (Philippi), 1865:732 (*Cyclogaster*). Type-locality: Chile, Santiago, Andes. Distr. — Chile.

RUBRICEPS (Philippi), 1865:732 (*Cyclogaster*). Type-locality: Chile, Santiago. Distr. — Chile. Ref. — Kertész, 1923:93 (descr., fig.).

RUBRICORNIS Kertész, 1923:92. Type-locality: Chile, Rancagua. Distr. — Chile.

Genus CHORDONOTA Gerstaecker

CHORDONOTA Gerstaecker, 1857:311. Type-species, *Cyphomyia inermis* Wiedemann (mon.). Refs. — James, 1940 (review); Iide, 1963a (larva).

ATERRIMA James, 1940a:123. Type-locality: Paraguay, Villarica. Distr. — Brazil (Mato Grosso, Paraná, Santa Catarina), Paraguay. Ref. — Carrera & Lanc, 1945 (possible synonymy).

FUSCIPENNIS Bellardi, 1862:11, 1864:210. Type-locality: Mexico, Veracruz, Playa Vicente. Distr. — Mexico (Veracruz, San Luis Potosí).

GENICULATA Lindner, 1936:157. Type-locality: Costa Rica. Distr. — Honduras, Costa Rica.

INERMIS (Wiedemann), 1830:55 (*Cyphomyia*). Type-locality: "Brazil". Distr. — Brazil (Mato Grosso to Espírito Santo and Santa Catarina). Ref. — Iide, 1963a (extensive descr., figs., adult and larva).

LEIOPHTHALMA Williston, 1896:302. Type-locality: "St. Vincent". Distr. — St. Vincent, Granada, Colombia.

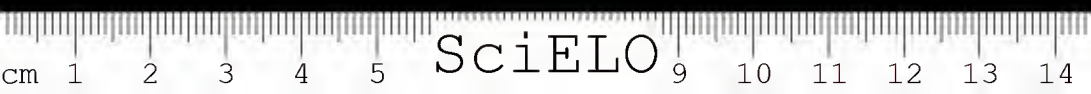
NIGRA Williston, 1888:255. Type-locality: Brazil, Mato Grosso, Chapada Distr. — Peru, Brazil (Mato Grosso).

Genus CYPHOMYIA Wiedemann

- CYPHOMYIA Wiedemann, 1819:54. Type-species, *auriflamma* Wiedemann (Brauer, 1882:87; 1882:31). Ref. — James, 1940a (rev. Neotropical species), James, 1953b (rev. Argentine species), James, 1957a (larva).
- Rondania* Jaennicke, 1867:324 (1868:16) (preocc. Robineau-Desvoidy, 1850). Type-species, *Clitellaria chalybea* Wiedemann (orig. des.).
- Neorondania* Osten Sacken, 1878:50 (nom. nov. for *Rondania* Jaennicke). Type-species, *Clitellaria chalybea* Wiedemann (aut.).
- Gyneuryptaria* Enderlein, 1914b:604. Type-species, *Cyphomyia pilosissima* Gerstaecker (orig. des.).
- ABANA Curran, 1929:5. Type-locality: Brazil, Amazon. Distr. — Brazil.
- ACUMINATA James, 1940a:132. Type-locality: Jamaica, Castleton, Botanical Gardens. Distr. — Jamaica.
- ACZELI James, 1953b:314. Type-locality: Argentina, Tucumán, Parque Aconquija. Distr. — Argentina (Tucumán, Salta).
- AFFINIS Gerstaecker, 1857:289. Type-locality: Venezuela. Distr. — Venezuela.
- ALBICAPUT (Walker), 1849:521 (*Clitellaria*). Type-localities: Brazil, Pará, and no data. Distr. — Brazil. Position uncertain. Gerstaecker says synonym of *leucoccephala*.
- ALEITARSIS (Fabricius), 1805:80 (*Stratiomys*). Type-locality: "South America". Distr. — Mexico (north to Nuevo Leon and Tamaulipas) to Peru and Brazil (Pará); Trinidad.
- fenestrata* Macquart, 1846:176 (separate, p. 48). Type-locality: Mexico. Yucatan, Merida.
- cyanispinis* Bigot, 1875:487. Type-locality: Brazil, "Amazonia".
- ALBOMACULATA (Macquart), 1834:193 (separate, p. 189) (*Odontomyia*). Type-locality: Haiti, Port au Prince. Distr. — Santo Domingo, Haiti, Jamaica. Ref. — Lindner, 1949 (suppl. descr.).
- ALTIFRONS James, 1939a:603. Type-locality: Colombia, Bogotá. Distr. — Colombia, Brazil (Amazonas), Peru, ?Bolivia.
- ANDROGYNA Osten Sacken, 1886:34. Type-locality: Panama, Volcán de Chiriquí, Bugaba. Distr. — Panama, Colombia, Ecuador.
- chiriquina* Lindner, 1935:409. Type-locality: Panama, Chiriqui.
- AURIFLAMMA Wiedemann, 1819:54. Type-locality: "Brazil". Distr. — Mexico (Veracruz) to Uruguay, Paraguay and Argentina (Misiones). Ref. — Iide, 1963b (suppl. descr., figs.).
- cyanca* Fabricius of Macquart, 1834:242. Cayenne (misident).
- cocrulea* Macquart, 1834. Expl. Planch. 4, tab. VI, fig. 3.
- AURIFRONS Wiedemann, 1830:56. Type-locality: Not stated. Distr. — Ecuador, Brazil (Goiás to Santa Catarina); Argentina (Misiones).
- BANKSI James, 1937:149. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Mexico (Veracruz), Canal Zone, Colombia.
- BICARINATA Williston, 1900:244. Type-localities: Mexico, Guerrero, Xucumanatlan, and Morelos, Cuernavaca. Distr. — Mexico (Veracruz, Morelos, Michoacan, Guerrero). Ref. — McFadden & James, 1969 (redefinition, speciation).

- BREVIS James, 1940a:139. Type-locality: Cuba, Soledad, near Cienfuegos. Distr. — Cuba.
- CHALYBEA (Wiedemann), 1824:30 (*Clitellaria*). Type-locality: Virgin Islands, St. Thomas. Distr. — Cuba, Dominican Republic, Puerto Rico, Virgin Islands, Antigua, St. Kitts, Jamaica, ?Mexico.
- anchialus* Walker, 1849:522 (*Clitellaria*). Type-locality: "Jamaica".
- CHRYSOBOTA Perty, 1833:184. Type-locality: "Brazil". Distr. — Costa Rica to Ecuador, Guyana, and Brazil.
- CLARIPENNIS Macquart, 1847:45 (separate, p. 29). Type-locality: "Brazil". Distr. — Brazil.
- COPRATES (Walker), 1849:523 (*Clitellaria*). Type-locality: Not given. Distr. — Unknown, probably South America.
- COSTALIS Walker, 1837:341. Type-locality: Brazil, São Paulo. Distr. — Brazil.
- CYANEA (Fabricius), 1794:265 (*Stratiomys*). Type-locality: "French Guyana". Distr. — Colombia to Bolivia, Brazil, and Paraguay.
- DISPAR Schiner, 1868:54. Type-locality: "Colombia". Distr. — Colombia.
- DOMINICANA James, 1967a:2. Type-locality: Dominica, Clarke Hall. Distr. — Dominica.
- ECUADORENSIS Enderlein, 1914b:601. Type-locality: Ecuador, Archidona. Distr. — Colombia, Ecuador, Peru.
- ERECTA McFadden, in McFadden & James, 1969:315. Type-locality: Mexico, Durango, Durango. Distr. — U.S.A. (Arizona, Texas); Mexico (south to Oaxaca).
- ERECTISPENNIS Lindner, 1935:408. Type-locality: Colombia, Hacienda Pehlke. Distr. — Colombia.
- FASCIPES Walker, 1854:17. Type-locality: Brazil, Pará, Santarém. Distr. — Panama to Peru and Brazil (Pará).
- FASSLI Lindner, 1949:862. Type-locality: Colombia, Boyaca, Muzo. Distr. — Colombia.
- FERRUGINEA Enderlein, 1914b:603. Type-locality: Ecuador, Baños. Distr. — Ecuador.
- FLAVIMANA Gerstaecker, 1857:291. Type-locality: "Brazil". Distr. — Guyana, Brazil.
- FLAVIPENNIS Enderlein, 1914b:602. Type-locality: Ecuador, Santa Inez. Distr. — Ecuador.
- FORMOSA James, 1940a:138. Type-locality: Colombia, Boyaca, Muzo. Distr. — Colombia, ?Brazil ("Amazon").
- GENICULATA Gerstaecker, 1857:290. Type-locality: "New Granada". Distr. — ?Colombia.
- COLBACHI James, 1953b:310. Type-locality: Argentina, Tucumán, Villa Padre Monti. Distr. — Argentina.
- GRACILICORNIS Gerstaecker, 1857:295. Type-locality: "South Brazil". Distr. — Brazil (Rio Grande do Norte and Minas Gerais to Santa Catarina), Paraguay, Argentina (Santiago del Estero). Ref. — Lindner, 1926 (larva).
- lanuginosa* Gerstaecker, 1857:297. Type-locality: "Brazil".
- HELIPENNIS Enderlein, 1914b:601. Type-locality: Peru, Chanchamayo. Distr. — Ecuador, Peru.

- HYBRIDA Gerstaecker, 1857:307. Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil (Guanabara, São Paulo).
- IMITANS Curran, 1925:244. Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil (Guanabara, São Paulo).
- JAMESI Lindner, 1949:861. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- LASIOPTHALMA Williston, 1896b:301. Type-locality: St. Vincent. Distr. — St. Vincent, Granada. Not *Cyphomyia lasiophthalma* Williston, 1900.
- LEUCOCEPHALA Wiedemann, 1819:55. Type-locality: "Brazil". Distr. — Peru, Brazil (north to Mato Grosso and Goiás), Paraguay, Argentina (Misiones, Tucumán). Ref. — Iide, 1963b (suppl. deser. & figs., adult and larva).
- LONGICORNIS (Walker), 1857:120 (*Acanthina*). Type-locality: "Amazon Region". Distr. — Brazil.
- MACULATA (Fabricius), 1805:85 (*Stratiomys*). Type-locality: "South America". Distr. — South America.
- MARGINATA Loew, 1866a:148 (Centuria 6, no. 31). Type-locality: "Cuba". Distr. — U.S.A. (Florida); Cuba, San Domingo, Haiti, Puerto Rico, Costa Rica. Ref. — McFadden, 1967 (larva).
- scutellata* Cresson, 1919:174. Type-locality: "Costa Rica".
- NEIVAI James, 1940:147. Type-locality: "Amazon". Distr. — Brazil.
- NIGRITARSIS Enderlein, 1914b:600. Type-localities: Peru, Loreto, Pebas; Brazil, Pará. Distr. — Brazil, Peru.
- NUBILIPENNIS James, 1939a:600. Type-locality: Guatemala, Cayuga. Distr. — Mexico (Veracruz), Guatemala.
- OBSCURA (Jaenicke), 1867:325 (*Rondania*). Type-locality: "Mexico". Distr. — Mexico.
- OCHRACEA Giglio-Tos, 1891:2, 1892:10. Type-locality: "Mexico". Distr. — Mexico.
- ORNATA Walker, 1850:xvii. Type-locality: Brazil, Pará. Unidentifiable (type lost).
- PICTA Schiner, 1868:53. Type-locality: "South America". Distr. — Canal Zone, Panama.
- PILOSISSIMA Gerstaecker, 1857:232. Type-locality: "Mexico". Distr. — Mexico (Coahuila to Guerrero). Refs. — James, 1957a (larva); McFadden, 1967a (larva).
- PLANIFRONS James, 1939a:602. Type-locality: Colombia, Bogotá. Distr. — Colombia, ?Brazil ("Amazon"), Peru.
- PULCHELLA Gerstaecker, 1857:309. Type-locality: "Brazil". Distr. — Costa Rica to Peru, Guyana and Brazil; Trinidad.
- maculata* Fabricius of Wiedemann (in part), 1830:57.
- REGULARIS Curran, 1929:5. Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil.
- RUBRA Loew, 1866a:148 (Centuria 6, no. 30). Type-locality: "Cuba". Distr. — Cuba.
- SCALARIS Bigot, 1875:487. Type-locality: "Mexico". Distr. — Mexico.



- SCHWARZI James, 1940a:135. Type-locality: Colombia, Western Cordillera, Cali District. Distr. — Colombia.
- SHANNONI James, 1939a:601. Type-locality: Panama, Gatún Lake, Cano Saddle. Distr. — Panama (Cano Saddle, Gatún Lake).
- SIMPLEX Walker, 1860:268. Type-locality: "Mexico". Distr. — Mexico (Chiapas, Veracruz); Guatemala.
- bequaerti* James, 1938:198. Type-locality: Guatemala, Pochuta, Santa Emilia.
- SOUZALOPESI Iide, 1967c:226. Type-locality: Brazil, Pará, Belém, Santa Bárbara. Ref. — Iide, 1967c (Biology, larva, figs.).
- SPECIOSA Lindner, 1951:249. Type-locality: Peru, San Martín, Tingo Maria. Distr. — Peru.
- SULCIFRONS Curran, 1929:5. Type-locality: Mexico, Veracruz, La Bucna Ventura. Distr. — Mexico, Costa Rica.
- TOMENTOSA Gerstaecker, 1857:294. Type-locality: "Mexico". Distr. — Mexico (Nuevo León to Puebla). Ref. — McFadden & James, 1969 (suppl. descr. as *similis*).
- similis* Bellardi, 1859:23, 1861:223. Type-locality: "Mexico".
- UNICOLOR (Walker), 1854:61, 312 (*Clitellaria*). Type-locality: Brazil, Amazonas, Tefé (as Ega). Distr. — Colombia, Peru, Brazil (Amazonas).
- cyanoecephala* Gerstaecker, 1857:274. Type-locality: "South America".
- VAMPES Gerstaecker, 1857:283. Type-localities: "Mexico, Costa Rica, Venezuela". Distr. — Mexico (Veracruz) to Colombia and Venezuela. Ref. — James, 1937 (suppl. descr.).
- VERTICALIS Gerstaecker, 1857:287. Type-localities: "Surinam, Guyana". Distr. — Ecuador, Peru, Surinam, Guyana, Brazil.
- VIOLACEA Macquart, 1855:60 (separate, p. 40). Type-locality: "Brazil". Distr. — Colombia, Ecuador, Brazil (Pará).
- WIEDEMANNI Gerstaecker, 1857:302. Type-locality: Brazil, Pará. Distr. — Mexico to northern Argentina, Trinidad.
- albitalis* Fabricius of Wiedemann, 1824, misident.
- ?flavispinis* Macquart, 1855:60 (separate, p. 40). Type-locality: "South America".
- peruviana* Lindner, 1933b:329 (as subspecies). Type-locality: Peru, Iquitos, San Roque.
- ssp. BURMEISTERI Lindner, 1949:863. Type-locality: "Amazonia". Distr. — Brazil.
- WILLISTONI (Enderlein), 1914b:604 (*Gyneuryparia*; nom. nov. for *lasiophthalma* Williston). Distr. — Mexico (Sinaloa to Guerrero).
- lasiophthalma* Williston, 1900:244 (preocc. Williston, 1896). Type-localities: Mexico, Jalisco, San Blas, and Guerrero, Acaguizotla, Dos Arroyas, and Tierra Colorada.
- XANTHOBASIS James, 1940a:134. Type-locality: "Amazon" (?Brazil). Distr. — ?Brazil.
- YPSILON James, 1940a:148. Type-locality: unknown. Distr. — Unknown, probably Brazil.
- ZERNYI Lindner, 1929:264. Type-locality: Brazil, Pará, Tapcrinha near Santarém. Distr. — Brazil (Pará to Rio de Janeiro).

Genus DICYPHOMA James

- DICYPHOMA James, 1937:151. Type-species, *Cyphomyia schaefferi* Coquillett (orig. des.). Ref. — James, 1962b (review, adults and larvae).
- RYCKMANI James, 1962b:18. Type-locality: Mexico, Oaxaca. Distr. — Mexico.
- SCHAEFFERI (Coquillett), 1904:32 (*Cyphomyia*). Type-locality: U.S.A., Texas, presumably Brownsville. Distr. — U.S.A. (north to Kansas) to Panama. Refs. — James, 1937, 1962b (suppl. descr.); McFadden, 1967 (larva).

Genus LABOCERINA Enderlein

- LABOCERINA Enderlein, 1914b:579. Type-species, *Stratiomys atrata* Fabricius (orig. des.).
- Labacerino* Enderlein, 1914b:615 (error).
- Labocerino*, error.
- ATRATA (Fabricius), 1805:83 (*Stratiomys*). Type-locality: "South America". Distr. — Mexico (Veraeruz) to Colombia and Guyana.
- carbonaria* Bellardi, 1862:11, 1864:210 (*Chordonota*). Type-locality: Mexico, Veraeruz, Tuxpango, near Orizaba.

Unplaced Species

- FLAVITARSIS Enderlein, 1914b:613 (*Lasiopa*). Type-locality: "Costa Rica".
- VITTATA Wulp, 1881:155 (*Lasiopa*). Type-locality: "Argentina".

Tribe CLITELLARIINI

Genus ABAVUS Enderlein

- ABAVUS Enderlein, 1914c:23. Type-species, *priscus* Enderlein (orig. des.).
- MACULATUS Lindner, 1933a:204. Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil.
- MULTISIGNATUS Lindner, 1949:874. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- PRISCUS Enderlein, 1914c:24. Type-locality: Brazil, Santa Catarina. Distr. — Brazil (Rio de Janeiro to Santa Catarina).

Genus ACROPELTATES Kertész

- ACROPELTATES Kertész, 1923:118. Type-species, *fasciata* Kertész (orig. des.).
- DIVERSICORNIS Kertész, 1923:121. Type-locality: "Colombia". Distr. — Colombia.
- FASCIATA Kertész, 1923:120. Type-localities: Peru, Urubamba River, Meshagua and Ucayali River, Unini. Distr. — Colombia.
- KERTESZI Szilády, 1929:250. Type-locality: Costa Rica, Cartago, Turrialba. Distr. — Costa Rica.



Genus ADOXOMYIA Bezzi

Adoxomyia Kertész, 1907:499. Nomen nudum.

ADOXOMYIA Bezzi, 1908b:75. Type-species, *Clitellaria dahlui* Meigen (orig. des.). Refs. — Kertész, 1923 (rev., keys); James & McFadden, 1969 (rev. Nearctic spp., adults and larvae).

Euclitellaria Kertész, 1923:96, 101. Type-species, *Clitellaria heminopla* Wiedemann (orig. des.).

Clitellaria, authors, not Meigen.

FENESTRATA (Macquart), 1846:54 (separate, p. 182) (*Ephippium*). Type-locality: Mexico, Yucatan, Merida.

MARGINATA James, in James & McFadden, 1969:273. Type-locality: U.S.A., Arizona, Tucson. Distr. — U.S.A. (Arizona), Mexico (Sonora).

MICHENERI James, 1950:71. Type-locality: U.S.A., Texas, Carrizo Springs. Distr. — U.S.A. (Texas), Mexico (Hidalgo).

NIGRINA Lindner, 1949:873. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

REGULARIS James, in James & McFadden, 1969:269. Type-locality: U.S.A., Arizona, Baboquivari Mts. Distr. — U.S.A. (Arizona), Mexico (Durango).

WEYRAUCHI Lindner, 1951:258. Type-locality: Peru, Lima, Atocongo. Distr. — Peru.

Genus ANAPOSASMA Lindner

ANAPOSASMA Lindner, 1969:12. Type-species, *amoenum* Lindner (mon.).

AMOENUM Lindner, 1969:12. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus BRACHYCARA Thomson

BRACHYCARA Thomson, 1869:460. Type-species, *ventralis* Thomson (mon.). Ref. — James, 1962a (key to known species).

Euryneurasoma Johnson, 1913:51. Type-species, *slossonae* Johnson (orig. des.).

Neurota Curran, 1931:2. Type-species, *Sargus bicolor* Wiedemann (orig. des., misident.) = *slossonae* (Johnson).

DIGITATA James, 1966:537. Type-locality: Galápagos Islands, Santa Cruz Island, Academy Bay. Distr. — Galápagos Islands.

MACULATA (James), 1953:2 (*Euryneurasoma*). Type-locality: Bahamas, South Bimini Island. Distr. — U.S.A. (Florida), Bahamas, Bermuda, Cuba, Antigua.

SLOSSONAE (Johnson), 1913:51 (*Euryneurasoma*). Type-locality: U.S.A., Florida, Biscayne Bay. Distr. — U.S.A. (Florida), Bahamas, Bermuda, Cuba, Puerto Rico, Dominica.

Genus CALOPARYPHUS James

Euparyphus, subg. CALOPARYPHUS James, 1939c:49. Type-species, *Oxycera erotchi* Osten Sacken (orig. des.).

DECEMMACULATUS (Osten Saeken), 1886:40 (?*Euparhyphus*). Type-locality: Mexico, Northern Sonora. Distr. — U.S.A. (Arizona), Mexico (Sonora).

Genus DIAPHOROSTYLUS Kertész

DIAPHOROSTYLUS Kertész, 1908:335. Type-species, *Euryncura nasica* Williston (by present designation). Ref. — Kertész, 1908 (revision and key).

FLAVIPES Kertész, 1908:337. Type-locality: Peru, Callanga. Distr. — Costa Rica to Peru.

INTERRUPTUS James, 1939:597. Type-locality: Panama, Alajuelo. Distr. — Costa Rica, Panama.

NASICUS (Williston), 1888:252 (*Eurynura*). Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Brazil.

SIGNATIPES Kertész, 1908:338. Type-localities: Peru, Urubamba River, Meshagua, and Ucayali River, Unini. Distr. — Peru.

Genus DIEURYNEURA James

DIEURYNEURA James, 1937:152. Type-species, *callosa* James (orig. des.) = *stigma* (Giglio-Tos).

STIGMA (Giglio-Tos), 1891:2 (1892:13) (*Clitellaria*). Type-locality: "Mexico". Distr. — Southwest U.S.A., northern Mexico. Ref. — McFadden, 1967 (larva, as *obscura*).

obscura Coquillett, 1902:98 (*Aochletus*). Type-localities: U.S.A., California, Los Angeles County, and Arizona, Sulphur Spring Valley.

callosa James, 1937:153. Type-locality: U.S.A., Arizona, Baboquivari Mts.

Genus DITYLOMETOPA Kertész

DITYLOMETOPA Kertész, 1923:114. Type-species, *elegans* Kertész (orig. des.).

ELEGANS Kertész, 1923:115. Type-localities: Peru, Vileanota, and Brazil, Espírito Santo. Distr. — Peru, Brazil (Pará to Espírito Santo).

Genus EUPARYPHUS Gerstaecker

EUPARYPHUS Gerstaecker, 1857:314. Type-species, *Cyphomyia elegans* Wiedemann (mon.).

Euparhyphus, authors (error or emendation).

Subgenus EUPARYPHUS Gerstaecker

CARBONARIUS Giglio-Tos, 1891:2 (also 1892:12, 1893:109). Type-locality: "Mexico". Distr. — Southwestern U.S.A. to Guatemala.

ELEGANS (Wiedemann), 1830:58 (*Cyphomyia*). Type-locality: "Mexico". Distr. — Mexico.

ELONGATULUS Williston, 1900:249. Type-localities: Mexico (Guerrero, Omilteme and Xucumanatlan). Distr. — Mexico.

TRICOLOR Osten Saeken, 1886:40. Type-locality: Mexico (Sonora). Distr. — U.S.A. (Arizona), Mexico (Sonora).

Subgenus Aochletus Osten Sacken

- Aochletus Osten Sacken, 1886:38 (as genus). Type-species, *cinctus* Osten Sacken (mon.).
- Bistriatus Williston, 1896b:300. Type-locality: St. Vincent. Distr. — St. Vincent.
- Brasiliensis Lindner, 1949:876. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- Cinctus Osten Sacken, 1886:38. Type-locality: Mexico, Northern Sonora. Distr. — Western U.S.A.; Mexico (south to San Luis Potosí). Ref. — McFadden, 1967 (larva).
- Hamifer James, 1940b:120. Type-locality: Costa Rica, San José, La Caja. Distr. — Costa Rica.
- Peruvianus Lindner, 1941:184. Type-locality: Peru, Ayacucho, Cangallo. Distr. — Peru.

Genus Euryneura Schiner

- Euryneura Schiner, 1867:308 (1868:56). Type-species, *Stratiomys fascipennis* Fabricius (orig. des.). Refs. — Kertész, 1908 (revision, key); Iide, 1962b (Brazilian species, larva, transl. of Kertész key).
- Elegans Williston, 1888:252. Type-locality: not stated. Distr. — Mexico (Guerrero) to Brazil (south to São Paulo) and Argentina (Tucumán). Ref. — Iide, 1968b (redescrip.).
- Fascipennis (Fabricius), 1805:373 (*Stratiomys*). Type-locality: "South America". Correction of *fasciata*, error. Distr. — Peru, Brazil (Pará).
- fasciata* Fabricius, 1805:84 (*Stratiomys*). Type-locality: "South America"
- Kerteszi Iide, 1968b:266. Type-locality: Brazil, São Paulo. Distr. — Brazil (São Paulo, Santa Catarina).
- Mexicana Kertész, 1908:327. Type-localities: Mexico, Veracruz, Orizaba and Acultzingo. Distr. — Mexico, Costa Rica.
- Peruana Kertész, 1908:329. Type-locality: "Peru". Distr. — Peru.
- Propinqua Schiner, 1868:57. Type-locality: "Colombia". Distr. — U.S.A. (Arizona) to Colombia and Venezuela. Ref. — Giglio-Tos, 1892 (suppl. descr.).
- Pygmaea (Bellardi), 1862:12, 1864:211 (*Clitellaria*). Type-locality: Mexico, Veracruz, Tuxpango, near Orizaba. Distr. — Mexico to Brazil (south to Santa Catarina) and Paraguay.
- Robusta Kertész, 1908:332. Type-locality: "Brazil". Distr. — Brazil (Rio de Janeiro to Rio Grande do Sul), Argentina (Tucumán). Ref. — Iide, 1968b (redescrip., larva).
- Rufifrons Curran, 1934:314. Type-locality: Guyana, Bartica, Kartabo. Distr. — Guyana.

Genus Glariopsis Lindner

- Glariopsis Lindner, 1935:412. Type-species, *brasiliana* Lindner (mon.).
- Brasiliana Lindner, 1935:413. Type-locality: Brazil, Rio de Janeiro, Angra, Juçaral. Distr. — Brazil.

Genus GLARIS Kertész

- GLARIS Kertész, 1923:107. Type-species, *mexicana* Kertész (orig. des.).
MEXICANA Kertész, 1923:108. Type-locality: "Mexico". Distr. — Mexico.

Genus GRYPOMYIA Kertész

- GRYPOMYIA Kertész, 1923:112. Type-species, *gracilis* Kertész (orig. des.).
GRACILIS Kertész, 1923:113. Type-locality: Peru, Cuzco, Vilcanota. Distr. — Peru.

Genus HOMALARTHRIA Lindner

- HOMALARTHRIA Lindner, 1933b:332. Type-species, *nigra* Lindner (orig. des.).
NIGRA Lindner, 1933b:332. Type-locality: Brazil, Rio de Janeiro, Itatiaia. Distr. — Brazil.

Genus LEUCOPTILUM James

- LEUCOPTILUM James, 1943b:380. Type-species, *plaumanni* James (orig. des.).
BASSLERI James, 1943b:382. Type-locality: Peru, Lower Rio Tapiche. Distr. — Peru.
PLAUMANNI James, 1943b:380. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Rio de Janeiro to Santa Catarina).
niveipenicillata Lindner, 1949:872 (*Adoxomyia*). Type-locality: Brazil, Santa Catarina, Nova Teutônia.

Genus MERINGOSTYLUS Kertész

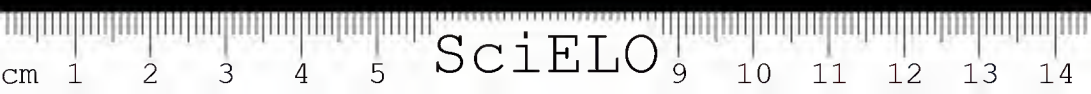
- MERINGOSTYLUS Kertész, 1908:334. Type-species, *schineri* Kertész (mon.).
CHIQUITANUS Lindner, 1930:275. Type-locality: Bolivia, Chiquitos. Distr. — Bolivia.
SCHINERI Kertész, 1908:334. Type-locality: "Brazil". Distr. — Brazil (Rio de Janeiro to Santa Catarina).
flavipes Kertész, 1908:335 (*Euryneura*). Schiner's manuscript name published by Kertész.

Genus MONACANTHELLA James

- MONACANTHELLA James, 1936a:49. Type-species, *gracilis* James (orig. des.).
GRACILIS James, 1936a:50. Type-locality: Costa Rica, Hamburg Farm. Distr. — Costa Rica.

Genus PACHYPTILUM Lindner

- PACHYPTILUM Lindner, 1969:13. Type-species, *hennigi* Lindner (mon.).
HENNIGI Lindner, 1969:13. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.



Genus PLATOPSOMYIA James

PLATOPSOMYIA James, 1937:154. Type-species, *flavida* James (orig. des.).

FLAVIDA James, 1937:154. Type-locality: Cuba, Habana, Santiago de las Vegas. Distr. — Cuba.

Genus PROGRYPOMYIA Lindner

PROGRYPOMYIA Lindner, 1949:871. Type-species, *nigra* Lindner (mon.).

NIGRA Lindner, 1949:872. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Unplaced Species

LIBURNA Walker, 1849:528 (*Oxycera*). Type-locality: "Jamaica".

Subfamily CHRYSOCHLORINAE

Genus CACOSIS Walker

CACOSIS Walker, 1856:83. Type-species, *Sargus niger* Wiedemann (mon.).

GRANDIS Schiner, 1868:67. Type-locality: "South America". Distr. — South America.

NIGER (Wiedemann), 1830:28 (*Sargus*). Type-locality: "Brazil". Distr. — Brazil.

Genus CHAETOSARGUS Roeder

Drasteria Brauer, 1882:78 (preocc. Hübner, 1816). Type-species, *robusta* Brauer (orig. des.).

CHAETOSARGUS Roeder, 1894:169. Type-species, *Sargus hirticornis* Wiedemann (mon.).

Parahermetia Lindner, 1928:241. Type-species, *seitzi* Lindner (mon.).

HIRTICORNIS (Wiedemann), 1830:28 (*Sargus*). Type-locality: "Brazil". Distr. — Brazil (Espírito Santo to Rio Grande do Sul). Ref. — Iide, 1967a (deser.).

ROBUSTUS (Brauer), 1882:79 (*Drasteria*). Type-locality: Brazil, Bahia. Distr. — Brazil.

SECUNDUS (Albuquerque), 1955:132 (*Parahermetia*). Type-locality: Brazil, São Paulo, Umuarama, Campos do Jordão. Distr. — Brazil.

SEITZI (Lindner), 1928:241 (*Parahermetia*). Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil.

Genus CHRYSOCHLORINA James

CHRYSOCHLORINA James, 1939b:33. Type-species, *Sargus vespertilio* Fabricius (orig. des.). Refs. — James, 1939b (key); Iide, 1965 (immature forms); Iide, 1966 (Brazilian species); Iide, 1968a (definition of genus).

Chrysochlora Authors, not Latreille. Note: The type-species of *Chrysochlora* is the only originally included species, *Sargus amethys-*



- tinus* Fabricius. Enderlein's designation of *Sargus vespertilio* Fabricius as the type is therefore, invalid.
- ALBIPES James, 1939b:36. Type-locality: Brazil, Goiás, Distr. — Brazil (Mato Grosso to Minas Gerais and Santa Catarina).
- ?sp., probably *albipes*. Iide, 1965; immature forms.
- BEZZIANA Iide, 1966:97. Type-locality: Brazil, São Paulo, Ipiranga, Distr. — Brazil.
- CASTANEA (Maequart), 1838:202 (separate, p. 198) (*Chrysochlora*). Type-locality: "Guyana". Distr. — Canal Zone, Guyana, Brazil (Território de Roraima, Território de Rondônia, Pará). Ref. — Iide, 1967b (suppl. descr.).
- COSTALIMAI Iide, 1966:94. Type-locality: Brazil, São Paulo, Juquiá, Distr. — Brazil (Espírito Santo, São Paulo). Ref. — Iide, 1967b (suppl. descr.).
- CURRANI Iide, 1966:105. Type-locality: Brazil, Pará, Cachimbo, Distr. — Peru, Brazil (Amazonas, Rio Negro, Pará, Rio de Janeiro).
- FASCIATA (Thomson), 1869:460 (*Chrysochlora*). Type-locality: Galápagos Islands, Distr. — Galápagos Islands. Ref. — James, 1966a (as *dubia*; suppl. descr.); Iide, 1971:503, figs. 23-33; systematic position; suppl. descr.).
- dubia* Curran, 1932c:348. Type-locality: Galápagos Islands, Floreana, Postoffice Bay, Seaside, Ranvik.
- FEMORALIS (Curran), 1929:4 (*Chrysochlora*). Type-locality: Colombia, Magdalena, Rio Frio, Distr. — Colombia.
- FLAVESCENS (James), 1937:151 (*Chrysochlora*). Type-locality: Mexico, Yucatán, Distr. — Mexico.
- FROSTI James, 1939b:35. Type-locality: Canal Zone, Barro Colorado Island, Distr. — Canal Zone, Panama, Colombia.
- INCOMPLETA (Curran), 1929:3 (*Chrysochlora*). Type-locality: Brazil, Guanabara, Rio de Janeiro, Distr. — Bolivia; Brazil (Pará to Mato Grosso and São Paulo).
- MACULIVENTRIS (Rondani), 1850:190 (*Chrysochlora*). Type-locality: "Venezuela".
- PLURICOLOR (Bigot), 1879:209 (*Chrysochlora*). Type-locality: "Brazil". Distr. — Brazil (Minas Gerais to São Paulo).
- PULCHRA (Williston), 1900:243 (*Chrysochlora*). Type-locality: Mexico, Tabasco, Teapa, Distr. — Mexico (Jalisco to Morelos and Oaxaca).
- PURPUREA (Walker), 1860:271 (*Chrysochlora*). Type-locality: "Mexico". Distr. — Mexico.
- QUADRILINEATA (Bigot), 1887:26 (*Chrysochlora*). Type-locality: "Cuba".
- SIMILIS (Macquart), 1855:64 (separate, p. 44) (*Chrysochlora*). Type-locality: "South America". Distr. — Brazil (Mato Grosso to Santa Catarina).
- VARIA (Curran), 1929:3 (*Chrysochlora*). Type-locality: Guyana, Bartica, Distr. — Honduras to Bolivia, Guyana, and Brazil (south to Mato Grosso).
- VEPERTILIO (Fabricius), 1805:259 (*Sargus*). Type-locality: "South America". Distr. — Mexico to Bolivia and Brazil (South to Santa Catarina).
- willistoni* Curran, 1929:2 (*Chrysochlora*). Type-locality: Brazil, Mato Grosso, Chapada.

Genus PELAGOMYIA Williston

PELAGOMYIA Williston, 1896a:48 (no species), 1896b:299. Type-species, *albitalis* Williston (mon.).

ALBITALIS Williston, 1896b:299. Type-locality: St. Vincent (B.W.I.). Distr. — St. Vincent.

albitatus Iide, 1971:497, error.

ILLUCENS James, 1967a:4. Type-locality: Dominica, Clarke Hall. Distr. — Dominica.

Genus TRICHOCERCOCERA Lindner

TRICHOCERCOCERA Lindner, 1928:243. Type-species, *ptecticoides* Lindner (mon.).

PTECTICOIDES Lindner, 1928:243. Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil (Guanabara, São Paulo).

Subfamily HERMETIINAE

Genus AMPHILECTA Brauer

AMPHILECTA Brauer, 1882:80, 86. Type-species, *superba* Brauer (orig. des.).

SUPERBA Brauer, 1882:80. Type-locality: "Congorh?". Distr. — Brazil.

Genus CHAETOHERMETIA Lindner

CHAETOHERMETIA Lindner, 1929:261. Type-species, *apicalis* Lindner (mon.).

AENEA Lindner, 1949:869. Type-locality: Guyana, Essequibo River, Moraballi Creek. Distr. — Guyana.

APICALIS Lindner, 1929:261. Type-locality: Brazil, Pará, Tapcrinha, near Santarém. Distr. — Brazil.

Genus HERMETIA Latreille

HERMETIA Latreille, 1804:192. Type-species, *Musca illucens* Linnacus (mon.). Refs. — Curran, 1934 (partial key); James, 1935a (partial key); James & Wirth, 1967 (*aurata* group); James, 1967b (*comstocki* group).

Acrodesmia Enderlein, 1914c:3. Type-species, *luederwaldti* Enderlein (orig. des.) = *albitarsis* Fabricius.

AENEIPENNIS Giglio-Tos, 1892:11 (as *flavipes* var.). Type-localities: "Brazil and Mexico". Distr. — Brazil, Mexico.

ALBITARSIS Fabricius, 1805:63. Type-locality: "South America". Distr. — Central Mexico (north to San Luis Potosi) to Paraguay and Southern Brazil (Santa Catarina); Trinidad. Ref. — Lindner, 1965 (larva).

apicalis Wiedemann, 1830:25. Type-locality: "South America".

bimaculata Macquart, 1834:228. Type-locality: "Brazil". (Synonymy by Williston, with a query).

- planifrons* Macquart, 1846:178 (separate, p. 50). Type-locality: Mexico, Yucatán, Merida.
- luederwaldti* Enderlein, 1914e:3 (*Aerodesmia*). Type-locality: Brazil, Santa Catarina.
- AMPULLA James, 1938:196. Type-locality: Brazil, Rio Madeira. Distr. — Brazil.
- ANTHIDIUM James, in James & Wirth, 1967:5. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Canal Zone.
- AURATA Bellardi, 1859:27, 1861:227. Type-locality: Mexico, Michoacán, Morelia. Distr. — Mexico (Sinaloa to San Luis Potosí and Oaxaca).
- AURINOTATA Lindner, 1935:411. Type-locality: Guyana, Georgetown. Distr. — Guyana. Ref. — Lindner, 1949:870 (redescri.).
- EEBEI Curran, 1934:317. Type-locality: Guyana (Kartabo). Distr. — Guyana.
- BURMEISTERI Lindner, 1949:868. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- CALLIFERA Lindner, 1928:240. Type-locality: Brazil, Rio de Janeiro, Itatiaia. Distr. — Brazil.
- CERIA Williston, 1900:242. Type-locality: Mexico, Durango, Ventanas. Distr. — Mexico.
- CERIOGASTER Williston, 1888:246. Type-locality: not stated. Distr. — Presumably Brazil.
- CHRYSOPILA Loew, 1872:56 (Centuria 10, no. 11). Type-locality: U.S.A., Texas. Distr. — U.S.A. (north to Kansas and Colorado), Mexico (Coahuila, Nuevo Leon, Tamaulipas).
- CINGULATA Greene, 1940:153. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Canal Zone.
- COARCTATA Macquart, 1846:178 (separate, p. 50). Type-locality: "Mexico". Distr. — Mexico (north to Sinaloa) to southern Brazil (Santa Catarina).
- COMSTOCKI Williston, 1885:125. Type-locality: U.S.A., Arizona. Distr. — Southwestern U.S.A. (Texas to New Mexico); Mexico (Nuevo Leon, Sonora).
- ssp. MEXICANA James, 1967b:63. Type-locality: Mexico, Morelos, Yautepec. Distr. — Mexico (North to Veracruz and Michoacán) to El Salvador.
- CONCINNA Williston, 1900:241. Type-localities: U.S.A., New Mexico, Arizona. Distr. — Southwestern U.S.A. (New Mexico to California); Mexico (Chihuahua to Jalisco). Ref. — McFadden, 1967 (larva).
- CONDOR Lindner, 1951:256. Type-locality: Peru, San Martin, Tingo Maria. Distr. — Peru.
- CONJUNETA James, in James & Wirth, 1967:10. Type-locality: Mexico, Isthmus of Tehuantepec (?Oaxaca). Distr. — Mexico (Morelos, ?Oaxaca).
- CORNITHORAX (Lindner), 1928:238 (*Aerodesmia*). Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil.
- CRABRO Osten Sacken, 1886:29. Type-locality: Guatemala, El Reposo. Distr. — Guatemala, Honduras.

- CURRANI Lindner, 1949:864. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- EISENI Townsend, 1895:594. Type-locality: Mexico, Baja California del Sur, San José del Cabo and El Toste. Distr. — Mexico.
- FIMBRIATA (Lindner), 1931:307 (*Acrodesmia*). Type-locality: Brazil, Espírito Santo, Porto do Cadi. Distr. — Brazil.
- FLAVIPES Wiedemann, 1830:26. Type-locality: "Brazil". Distr. — Honduras to Guyana, Peru, and Brazil (south to São Paulo). Ref. — Lindner, 1949 (suppl. descr.).
andreas Walker, 1849:515 (*Sargus*). Type-locality: not given.
setigera James, 1938:198. Type-locality: Brazil, Rio Madeira.
- FLAVOSCATATA Bigot, 1879:201. Type-locality: "Mexico". Distr. — Mexico (Veracruz, ?Oaxaca, Campeche, Yucatan). Ref. — James, 1967b (suppl. descr.).
- FORMICA Osten Sacken, 1886:32. Type-locality: Panama, Bugaba. Distr. — Panama.
- FULVA Walker, 1854:22. Type-locality: Brazil, Pará. Distr. — Brazil.
- GENICULATA Macquart, 1855:61 (separate, p. 41). Type-locality: "South America". Distr. — South America.
- GONCALVESI Albuquerque, 1955:129. Type-locality: Brazil, Bahia, Salvador. Distr. — Brazil.
- HUNTERI Coquillett, 1909:212. Type-localities: U.S.A., Texas, Hondo and Cotulla. Distr. — Southwest U.S.A., Mexico (Chihuahua, Baja California).
- ILLUCENS (Linnaeus), 1758:589 (*Musca*). Type-locality: "South America". Distr. — U.S.A. (widespread) to Bolivia and Northern Argentina; Bermuda and throughout the West Indies; Old World tropics, in general; southern Europe; Pacific Islands. Spread by commerce.
leucopa Linnaeus, 1767:983 (*Musca*). Type-locality: "America".
mucens, error.
rufiventris Fabricius, 1805:63. Type-locality: "South America" (not *rufiventris* Walker).
pellucens Macquart, 1834: plate 4, figs. 11-12, and legend. (Lapsus).
nigrifacies Bigot, 1879:200. Type-locality: "Mexico".
nigritibia Enderlein, 1914c:9. Type-locality: Brazil, Santa Catarina. (as var.).
- IMPRESSA James, in James & Wirth, 1967:13. Type-locality: Mexico, Morelos, Temixco. Distr. — Mexico.
- ITATIAIENSIS Lindner, nom. nov. for *flavipes* Lindner.
flavipes Lindner, 1933b:330 (preocc. Wiedemann, 1830). Type-locality: Brazil, Espírito Santo, Alegre.
- LATIVENTRIS Bellardi, 1859:27, 1861:227. Type-locality: Mexico, Tamaulipas, Tampico. Distr. — U.S.A. (Texas to Arizona) to Panama.
var. A. Bellardi, 1862:8, 1864:207. Mexico, Veracruz, Tuxpango near Orizaba.
- MELANDERI James & Wirth, 1967:8. Type-locality: U.S.A., Arizona, Globe. Distr. — U.S.A. (Arizona, New Mexico), Mexico (Sinaloa).
- MITIS Curran, 1934:318. Type-locality: Guyana, Bartica Distr., Kartabo. Distr. — Guyana.

- NANA Lindner, 1935:410. Type-localities: Brazil. São Paulo, and Guanabara, Rio de Janeiro. Distr. — Brazil (São Paulo, Guanabara).
- PANAMENSIS Greene, 1940:151. Type-locality: Canal Zone, Mandingo. Distr. — Panama, Canal Zone.
- PTEROCAUSTA Osten Sacken, 1886:33. Type-locality: Panama, Bugaba. Distr. — Canal Zone.
- PULCHRA Wiedemann, 1830:24. Type-locality: "Surinam". Distr. — Surinam and Guyana to Brazil (south to Santa Catarina).
- REINHARDI James, 1935a:169. Type-locality: U.S.A., Texas, Dilley (not Oilley, as published). Distr. — U.S.A. (Texas to Arizona), Mexico (Nuevo Leon, San Luis Potosí).
reinhardtii, error.
- RELICTA Osten Sacken, 1886:30. Type-locality: Panama, Bugaba. Distr. — Panama.
- RUFITARSIS Macquart, 1846:177 (separate, p. 49). Type-locality: "Colombia". Distr. — Colombia.
- SCUTELLATA Macquart, 1855:61 (separate, p. 41). Type-locality: "South America, shores of the Amazon River". Distr. — Brazil.
- SEXMACULATA Macquart, 1834:229. Type-locality: Puerto Rico. Distr. — U.S.A. (north to Tennessee), Cuba, Puerto Rico, Dominican Republic, Brazil (Natal).
- nucis* James, 1935a:166. Type-locality: Cuba, Santo Tomas, P. de Zapata.
- SPHECODES Curran, 1934:318. Type-locality: Guyana, Bartica. Distr. — Kartabo. Distr. — Guyana.
- SUBPELLUCIDA James & Wirth, 1967:11. Type-locality: U.S.A., Arizona, Globe. Distr. — U.S.A. (Arizona), Mexico (Sonora, Sinaloa, Nayarit, Baja California).
- TEEVANI Curran, 1934:316. Type-locality: Guyana, Bartica. Distr. — Kartabo. Distr. — Guyana.
- VARIPENNIS Bigot, 1879:202. Type-locality: "Brazil". Distr. — Brazil.
variipennis, emendation, or error.
- VIRGATA Lindner, 1949:866. Type-localities: Brazil, Santa Catarina, Nova Teutônia and São Paulo, Jaguará.

Genus PATAGIOMYIA Lindner

- PATAGIOMYIA Lindner, 1933b:331. Type-species, *cyphomyioides* Lindner (orig. des.).
- CYPHOMYIOIDES Lindner, 1933b:331. Type-locality: Peru, Mishuyacu. Distr. — Colombia (Amazonas), Peru.

Subfamily STRATIOMYINAE

Tribe STRATIOMYINI

Genus ANOPISTHOCRANIA Lindner

- ANOPISTHOCRANIA Lindner, 1935:406. Type-species, *zonata* Lindner (mon.).
- ZONATA Lindner, 1935:407. Type-locality: Brazil, Rio de Janeiro, Maromba, Itatiaia. Distr. — Brazil (Rio de Janeiro, Santa Catarina). Ref. — Lindner, 1969 (suppl. descr.).

Genus CHLOROMELAS Enderlein

- CHLOROMELAS Enderlein, 1914b:607. Type-species, *Odontomyia heteroneura* Macquart (orig. des.) = *cuprina* (Wiedemann).
- BARBATA Lindner, 1935:410. Type-locality: Brazil, São Paulo. Distr. — Brazil.
- BRUNNEIPICTA James, 1953b:316. Type-locality: Argentina, Saita, Ruiz de los Llanos. Distr. — Argentina (Saita, Tucumán).
- COATI Lindner, 1951:254. Type-locality: Peru, San Martín, Tingo Maria, Río Huallaga. Distr. — Peru.
- CORDOBAENSIS (Lindner), 1951:253 (*Hedriodiscina*). Type-locality: Argentina, Córdoba, Capilla de Monte. Distr. — Argentina.
- ?sp. James, 1953:317. Argentina, Tucumán, Tacanas.
- CUPRINA (Wiedemann), 1830:69 (*Stratiomys*). Type-locality: Brazil, Rio Grande do Sul, Caçapava do Sul. Distr. — Brazil.
- heteroneura* Macquart, 1838:190 (separate, p. 186) (*Odontomyia*). Type-locality: "Brazil".
- ssp. GORGONEA Lindner, 1949:863 (as form). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- VIRGATA Lindner, 1969:11. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus HEDRIODISCUS Enderlein

- HEDRIODISCUS Enderlein, 1914b:608. Type-species, *Odontomyia brevifacies* Macquart (orig. des.). Ref. — James (1953b) (key to Argentine species).
- Hedriodiscina* Enderlein, 1914b:609. Type-species, *Stratiomys chloraspis* Wiedemann (James, 1953:318).
- ADITUS Lindner, 1949:820. Type-locality Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- BREVIFACIES (Macquart), 1855:63 (separate, p. 43) (*Odontomyia*). Type-locality: "South America". Distr. — Colombia and Guyana to Argentina (Jujuy, Santa Fe).
- CHLORASPIS (Wiedemann), 1830:68 (*Stratiomys*). Type-locality: "Brazil". Distr. — Bolivia to Uruguay and Argentina (south to Santa Fe).
- CURRANI (James), 1932:6 (as *Odontomyia truquii* var.). Type-locality: U.S.A., Arizona, Baboquivari Mts., Kitts Peak, Rincon. Distr. — U.S.A. (Texas to California), Mexico (south to Michoacán).
- DORSALIS (Fabricius), 1805:82 (*Stratiomys*). Type-locality: West Indies. Distr. — U.S.A. (Texas, Florida); Mexico to Brazil (south to São Paulo); Cuba, Dominican Republic, Haiti, Puerto Rico, Jamaica.
- EUCHLORUS (Gerstaecker), 1857:328 (*Stratiomys*). Type-locality: "Mexico". Distr. — Mexico (Durango, Jalisco).
- affinis* Bellardi, 1859:35, 1861:235 (*Odonthomyia*). Type-locality: Mexico, Puebla.
- TRISTRIO (Walker), 1851:77 (*Odontomyia*). Type-locality: "Brazil". Distr. — Brazil.

- HUMILIS* (Lindner), 1929:265 (*Hedriodiscina*). Type-locality: Brazil, Pernambuco, Recife. Distr. — Brazil.
- HYDROLUPUS* (Lindner), 1949:859 (*Hedriodiscina*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- INFRAPALLIDUS* (Lindner), 1951:253 (*Hedriodiscina*). Type-locality: "Brazil". Distr. — Brazil.
- JACARELLUS* (Lindner), 1949:853 (*Hedriodiscina*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- LEFEBVREI* (Macquart), 1838:193 (separate, p. 189) (*Odontomyia*). Type-locality: "Mexico". Distr. — Mexico (Durango to Michoacán and Puebla).
- lefeburei*, error or emendation.
- flavifasciatus* Macquart, 1849:357 (separate, p. 53) (*Odontomyia*). Type-locality: "Mexico".
- LINEATUS* (Fabricius), 1805:83 (*Stratiomys*). Type-locality: "South America". Distr. — Peru. Ref. — Lindner, 1941 (generic reference).
- NUDIFRONS* James, 1953b:321. Type-locality: Argentina, Jujuy, Palpalá. Distr. — Argentina.
- PALLIDIVENTRIS* (Macquart), 1846:53 (separate, p. 181) (*Odontomyia*). Type-locality: "Brazil". Distr. — Brazil.
- PRASINA* Jaennicke, 1867:324 (*Odontomyia*). Type-locality: "Mexico". Distr. — Mexico. Kertész considers this a syn. of *lefeburei*.
- PULCHER* (Wiedemann), 1824:28 (*Stratiomys*). Type-locality: Brazil. Distr. — Costa Rica to Uruguay, and Argentina (south to Mendoza).
- bucephala* Gerstaecker, 1857:326 (*Odontomyia*). Type-locality: Uruguay, Montevideo.
- tremoleranus* Aldrich, 1928:1 (*Odontomyia*). Type-locality: Uruguay, Rio Negro, Menafra.
- QUADRILINEATUS* (Macquart), 1834:248 (*Odontomyia*). Type-locality: "South America". Distr. — Colombia to Brazil (south to Paraná). Ref. — Gerstaecker, 1857 (suppl. descr.).
- sp. Lindner, 1929:266 (*Hedriodiscina*). Brazil, Pernambuco, Recife.
- sp. James, 1953b:321. Argentina. Presidente Perón.
- SUPERPICTUS* (Lindner), 1949:857 (*Hedriodiscina*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- TORTUGELLUS* (Lindner), 1949:851 (*Hedriodiscina*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- TRIVITTATUS* (Say), 1829:160 (*Stratiomys*). Type-locality: "Mexico". Distr. — U.S.A. (widespread) to Colombia; Dominican Republic.
- tritaniatus* Bellardi, 1859:38, 1861:238 (*Odontomyia*). Type-localities: Mexico, vicinity of Mexico City; Morelos, Cuantla.
- ssp. *LEUCOGASTER* James, 1933:69 (*Odontomyia*). Type-locality: U.S.A., Texas, Galveston. Distr. — U.S.A. (Arkansas to California) to Colombia.
- TRUQUH* (Bellardi), 1859:34, 1861:234 (*Odonthomyia*). Type-locality: Mexico, Morelos, Cuernavaca.
- TURACELLUS* (Lindner), 1949:855 (*Hedriodiscina*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

VERTEBRATUS (Say), 1824:369 (*Odontomyia*). Type-locality: U.S.A., Northwest Territories. Distr. — Canada, U.S.A., Mexico (Veracruz, Michoacán).

Genus HOPLITIMYIA James

HOPLITIMYIA James, 1934:443. Type-species, *Stratiomys constans* Loew (orig. des.). Ref. — James, 1939b (revision and key).

Subgenus HIMANTOMYIA James

Hoplitimyia, subg. HIMANTOMYIA James, 1939b:38. Type-species, *clavata* James (orig. des.).

CLAVATA James, 1939b:39. Type-locality: Ecuador, Baños. Distr. — Ecuador.

Subgenus HOPLITIMYIA James

ALEUS (Walker), 1849:526 (*Acrochacta*). Type-locality: "Brazil". Distr. — Brazil (São Paulo, Paraná).

BIMACULATA (Bellardi), 1862:10, 1864:209 (*Stratiomys*). Type-locality: Mexico, Yucatán, Cosamaloapan. Distr. — U.S.A. (Texas), Mexico (Nuevo Leon to Chiapas and Yucatán).

FASCIATA (Fabricius), 1787:331 (*Stratiomys*). Type-locality: "South America". Distr. — Mexico (north to Chihuahua and Tamaulipas) to Brazil and Argentina (south to Buenos Aires); Trinidad.

subalba Walker, 1854:43 (*Stratiomys*). Type-locality: Brazil, Pará.

gerstaeckeri Bellardi, 1859:31, 1861:231 (*Stratiomys*). Type-locality: "Mexico"

MUTABILIS (Fabricius), 1787:331 (*Stratiomys*). Type-locality: "America". Distr. — U.S.A. (Texas, Arizona to Argentina, south to Buenos Aires).

variabilis Gmelin, 1792:2834 (*Musca*). Type-locality: French Guiana, Cayenne.

sericeiventris Rondani, 1848:102 (*Stratiomys*). Type-locality: "Brazil".

SEMILUNA James, 1939:41. Type-locality: Argentina, Mendoza. Distr. — Argentina (Tucumán, Catamarca, Mendoza, Córdoba).

Genus LABOSTIGMINA Enderlein

LABOSTIGMINA Enderlein, 1930:70. Type-species, *Odontomyia occipitalis* Johnson (orig. des.). Ref. — James, 1939b (part, *Udamacantha*).

Udamacantha Enderlein, 1914b:613. Type-species, *Stratiomys inermis* Wiedemann (orig. des.). N. SYN.

BONARIENSIS (Brèthes), 1922:139 (*Udamacantha*). Type-locality: Argentina, Buenos Aires, Mosconi. Distr. — Argentina.

CLYPEATA (Bigot), 1879:215 (*Odontomyia*). Type-locality: Brazil, Amazonia. Distr. — Brazil. Ref. — Lindner, 1930 (suppl. descr.).

COMMA (Williston), 1900:247 (?*Odontomyia*). Type-locality: Mexico, Guerrero, Dos Arroyos. Distr. — Mexico.

CONCINNATA (Williston), 1900:247 (*Odontomyia*). Type-locality: Mexico, Guerrero, Venta de Zapilote. Distr. — Mexico.

ELEGANS (Macquart), 1838:191 (separate, p. 187) (*Odontomyia*). Type-locality: "Chile". Distr. — Chile (Atacama to Concepción); Argentina (Mendoza, Rio Negro).

cruciata Macquart, 1838:192 (separate, p. 188) (*Odontomyia*). Type-locality: "Chile".

FENESTRATA (Thomson), 1869:458 (*Odontomyia*). Type-locality: Argentina, Buenos Aires. Distr. — Brazil (São Paulo), Argentina.

FRATELLA (Williston), 1900:246 (*Odontomyia*). Type-locality: Mexico, Jalisco, Guadalajara. Distr. — Mexico.

GUIANAE (Lindner), 1949:860 (*Eulalia*). Type-locality: Guyana, Georgetown. Distr. — Guyana.

INERMIS (Wiedemann), 1830:71 (*Stratiomys*). Type-localities: Uruguay, Montevideo, and Brazil, Rio Grande do Sul, Caçapava do Sul. Distr. — Bolivia, Uruguay, Argentina (south to Buenos Aires).

MACULIFRONS (Walker), 1849:536 (*Odontomyia*). Type-locality: "Honduras". Distr. — Mexico (north to Veracruz and Nayarit) to Honduras.

PROTRUDENS (James), 1939b:45 (*Udamacantha*). Type-locality: Argentina, Córdoba. Distr. — Argentina.

QUADRI-MACULATA (Bellardi), 1859:37, 1861:237 (*Odonthomyia*). Type-locality: "Mexico". Distr. — Mexico (Durango to Michoacán and Puebla). Ref. — James, 1941b (suppl. descr.).

femorata Bellardi, 1859:37, 1861:237 (*Odonthomyia*). Type-locality: Mexico, Toluca.

RUBRICORNIS (Macquart), 1846:181 (separate, p. 53) (*Odontomyia*). Type-locality: Mexico, Yucatán, Merida. Distr. — Mexico (Veracruz to Yucatán).

VRIDIS (Bellardi), 1859:36, 1861:236 (*Odonthomyia*). Type-locality: Mexico, Morelos, Cuantla. Distr. — Mexico. Not *viridis* Bellardi of North American authors. Ref. — James, 1970 (suppl. descr.).

Genus METABASIS Walker

METABASIS Walker, 1856:81. Type-species, *rostratus* Walker (mon.).

ROSTRATUS Walker, 1856:81. Type-locality: "Brazil". Distr. — Brazil.

Genus ODONTOMYIA Meigen *

Eulalia Meigen, 1800:21. Type-species, *Musca hydraleon* Linnaeus (Coquillett, 1910:54). Suppressed by I.C.Z.N., 1963:339.

ODONTOMYIA Meigen, 1803:265. Type-species, *Musca hydraleon* Linnaeus (Westwood, 1840:130). Ref. — James, 1957a (key to species of West Indies).

Odonthomyia, emendation.

ALBOMACULATA Macquart, 1838:189 (separate, p. 193). Type-locality: Santo Domingo, Port au Prince. Distr. — Dominican Republic, Haiti.

ALTIFRONS Wulp, 1888:363. Type-locality: Argentina, Córdoba. Distr. — Argentina.

* Undoubtedly some species referred here belong to other genera.

- ANCHORATA Bigot, 1879:216. Type-locality: "Chile". Distr. — Chile.
- ARANEIFERA Schiner, 1868:58. Type-locality: "Chile". Distr. — Chile.
- ATERRIMA Walker, 1856:78. Type-locality: "Brazil". Distr. — Brazil.
- BAHAMENSIS (James), 1953a:4 (*Eulalia*). Type-locality: Bahamas, South Bimini Island. Distr. — Bahama.
- DISCOLORATA James, 1936c:548. Type-locality: U.S.A., Texas, Donna. Distr. — U.S.A. (Texas), Mexico (Sonora and Tamaulipas to Yucatán), ?Costa Rica.
- DISSIMILIS Beilardi, 1859:35, 1861:235. Type-locality: Mexico, "contorni di Messico". Distr. — Mexico.
- EMARGINATA Macquart, 1838:194 (separate, p. 190). Type-locality: "Mexico". Distr. — Mexico.
- FASCIATA Macquart, 1834:249. Type-locality: "South America". Distr. — South America.
- FASCIFRONS Macquart, 1849:354 (separate, p. 50). Type-locality: "Chile".
- FOVEIFRONS Thomson, 1869:458. Type-locality: Brazil, Guanabara, Rio de Janeiro. Distr. — Brazil.
- ICAE (Lindner), 1941:180 (*Eulalia*). Type-locality: Peru, Ica, Victoria. Distr. — Peru. Ref. — Lindner, 1951 (suppl. deser.).
- INAEQUALIS Loew, 1866a:143 (Centuria 6, no. 24). Type-locality: Canada, Hudson's Bay Territory. Distr. — Canada, U.S.A., Mexico (south to Morcíos).
- confusa* James, 1936c:544. Type-locality: U.S.A., Colorado, Alamosa.
- LIMAE Guérin-Ménéville, 1831:291. Type-locality: Peru, Lima. Distr. — Peru.
- MEXICANA Johnson, 1895:271. Type-locality: Mexico, Tehuantepec. Distr. — Mexico.
- NITIDICEPS Wulp, 1888:365. Type-locality: Argentina, Córdoba. Distr. — Argentina.
- PACHYCEPHALA Schiner, 1868:60. Type-locality: "Colombia". Distr. — Colombia.
- PACHYCEPS Bigot, 1879:215. Type-locality: Brazil, Pará. Distr. — Brazil.
- PERUVIANA Macquart, 1855:63 (separate, p. 43). Type-locality: "Peru". Distr. — Peru.
- RUFIPES Loew, 1866a:144 (Centuria 6, no. 25). Type-locality: "Cuba". Distr. — U.S.A. (Florida), Cuba, Bahamas.
- SPP. Williston, 1888:256. No locality given.
- SUBCUPRATA (Walker), 1854:47 (*Stratiomys*). Type-locality: Brazil, Pará, Santarém. Distr. — Brazil.
- VANDERWULPIANA Brêthes, 1907:283 (nom. nov. for *maculifrons* Wulp). Type-locality: Argentina, Córdoba.
- maculifrons* Wulp, 1888:364 (preocc. Walker, 1849). Type-locality: Argentina, Córdoba.
- VICINA Macquart, 1834:192 (separate, p. 188). Type-locality: "Cuba". Distr. — Cuba.
- VITTATA Macquart, 1850:357 (separate, p. 53). Type-locality: "Brazil". Distr. — Brazil.



Genus PROMERANISA Walker

- PROMERANISA Walker, 1854:305. Type-species, *vittata* Walker (mon.).
 CYLINDRICORNIS Williston, 1888:253. Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Brazil (Mato Grosso) to Argentina.
 NASUTA (Maequart), 1849:351 (separate, p. 47) (*Stratiomyia*). Type-locality: "Chile". Distr. — Costa Rica to Chile and Argentina. Ref. — Williston, 1888 (suppl. descr.).
 VITTATA Walker, 1856:306. Type-locality: Brazil, Pará, Santarém.

Genus RHINGIOPSIS Röder

- RHINGIOPSIS Röder, 1886:138. Type-species, *tau* Röder (mon.). Ref. — Curran, 1932a (key).
 ENDERLEINI Lindner, 1926:100 (adult, larva). Type-locality: "North Argentina". Distr. — Argentina.
 JAMESI Barretto, 1947:439, fig. 1. Type-locality: Brazil, São Paulo, Avanhandava, Barra Mansa. Distr. — Brazil (São Paulo).
 LANEI Barretto, 1947:441, figs. 2-3. Type-locality: Brazil, São Paulo, São Paulo, Serra da Cantareira, Chapadão. Distr. — Brazil (São Paulo).
 NASUTA Enderlein, 1914b:605. Type-locality: Brazil, Mato Grosso, Cuiabá. Distr. — Brazil.
 ROSTRATA (Wiedemann), 1830:68 (*Stratiomys*). Type-locality: "Brazil". Distr. — Brazil (Mato Grosso to Santa Catarina); Paraguay.
 TAU Röder, 1886:138. Type-locality: "Brazil". Distr. — French Guyana to Brazil (south to Guanabara).

Genus STRATIOMYELLA James

- STRATIOMYELLA James, 1953b:321. Type-species, *nana* James (orig. des.).
 NANA James, 1953b:322. Type-locality: Argentina, Tucumán, Concepción. Distr. — Argentina (Jujuy, Tucumán, Presidente Perón, Santa Fe).

Genus STRATIOMYS Geoffroy *

- STRATIOMYS Geoffroy, 1762:475. Type-species, *Musca chameleon* Linnaeus (Latreille, 1810). Conserved as of 1762 under suspension of the Rules (I.C.Z.N., 1957b:123).
Stratiomyia, emend.
 CONICA Fabricius, 1805:81. Type-locality: "South America". Distr. — South America.
 CONSTRICTA Walker, 1860:269. Type-locality: "Mexico". Distr. — Mexico.
pinguis Walker, 1860:270. Type-locality: "Mexico".
 CONVEXA Wulp, 1881:154. Type-locality: "Argentina". Distr. — Mexico (north to Veraacruz), Guatemala, Bolivia, Paraguay, Argentina (Salta to Buenos Aires). Ref. — Lindner, 1926 (larva).
connexa, error.

* Undoubtedly some species referred here belong to other genera.



- FENESTRATA Gerstaecker, 1857:327. Type-locality: "Mexico". Distr. — Mexico.
- GONIOPHORA Say, 1829:161. Type-locality: "Mexico". Distr. — Mexico.
- LEUCOPIS Wiedemann, 1830:74. Type-locality: Brazil, Rio Grande do Sul, Caçapava do Sul. Distr. — Brazil.
- LONGIFRONS Rondani, 1848:101. Type-locality: "Brazil". Distr. — Brazil.
- MELANOPSIS Wiedemann, 1830:70. Type-locality: Brazil, Rio Grande do Sul, Caçapava do Sul. Distr. — Brazil.
- FALLIPES Fabricius, 1781:147. Type-locality: "America, probably South America". (Given as "in America boreali" in Fabricius, 1781, but as "Südamerika" in Fabricius, 1805). Distr. — ?South America.
- PELLUCIDA Rondani, 1848:102. Type-locality: "Brazil". Distr. — Brazil.
- PRINCEPS Gerstaecker, 1857:321. Type-locality: "Mexico". Distr. — Mexico.
- VELUTINA Bigot, 1879:213. Type-locality: "Chile". Distr. — Chile.
- VIRENS Wiedemann, 1830:73. Type-locality: "Brazil". Distr. — Brazil.

Genus ZUERCHERIA Lindner

- ZUERCHERIA Lindner, 1926:102. Type-species, *malachitis* Lindner (mon.). Ref. — James, 1938 (key).
- BEQUAERTI (Curran), 1932a:1 (*Rhingiopsis*). Type-locality: Mexico, Yucatán, Chichén Itzá. Distr. — Mexico.
- FESTIVA (Walker), 1854:43, 63 (*Stratiomys*). Type-locality: Brazil, Pará. Distr. — Guyana, Brazil (Amazon basin). Ref. — Lindner, 1965 (suppl. descr., larva).
- stratiomyaeformis* Lindner, 1935:408. Type-locality: Guyana, Issororo.
- MALACHITIS Lindner, 1926:102. Type-locality: "Presumably Paraguay". Distr. — Bolivia, Paraguay. Ref. — James, 1938:200 (suppl. descr.).
- PUSTULOSA James, 1938:201. Type-locality: Colombia, Aracataca. Distr. — Colombia.

Tribe MYXOSARGINI

Ref. — James, 1942 (revision).

Genus MELANOCHROA Röder

- Melanochroa* Brauer, 1882:83, 88. Nomen nudum.
- MELANOCHROA Röder, 1886:139. Type-species, *dubia* Röder (mon.).
- DUBIA Röder, 1886:139. Type-locality: "Brazil" Distr. — Brazil (Guanabara). *dubia* "Schiner", Brauer, 1882:88. Nomen nudum.

Genus MYXOSARGUS Brauer

- MYXOSARGUS Brauer, 1882:77, 88. Type-species, *fasciatus* Brauer (orig. des.).
- BRAUERI Williston, 1888:254. Type-locality: Brazil, Mato Grosso, Chapada. Distr. — Brazil.
- FASCIATUS Brauer, 1882:78. Type-locality: Mexico, Veracruz, Orizaba. Distr. — Mexico (records from U.S.A. erroneous).

- GRYPHIUS Enderlein, 1914b:612. Type-locality: Mexico, Chiapas. Distr. — Mexico.
- PANAMENSIS Curran, 1929:4. Type-locality: Canal Zone (Barro Colorado Island). Distr. — Costa Rica to Panama.
- PILOSUS James, 1942:59. Type-locality: U.S.A., Arizona, Tempe. Distr. — U.S.A. (Ariz.) to Canal Zone.
- ssp. GUATEMALAE James, 1942:60. Type-locality: Guatemala, Amatitlán. Distr. — Guatemala.
- SCUTELLATUS Williston, 1900:251. Type-locality: Mexico, Tabasco, Teapa. Distr. — Mexico.

Genus NOTHOMYIA Loew

- NOTHOMYIA Loew, 1869:4 (Centuria 8, no. 4, note). Type-species, *scutellata* Loew (Brauer, 1882:88; 1882:32).
- Berisargus* Lindner, 1933a:201. Type-species, *borgmeieri* Lindner (mon.).
- BORGMEIERI (Lindner), 1933a:202 (*Berisargus*). Type-locality: Brazil, São Paulo, Alto da Serra (= Paranapiacaba). Distr. — Brazil (Guanabara, São Paulo).
- CALOPUS Loew, 1869:5 (Centuria 8, no. 5). Type-locality: "Cuba". Distr. — U.S.A. (Florida), Cuba, Puerto Rico.
- FASCIATIPENNIS (Lindner), 1935:401 (*Berisargus*). Type-locality: Brazil, Rio de Janeiro, Angra dos Reis, Juçaral.
- INTENSICA (Curran), 1928a:18 (*Merosargus*). Type-locality: Jamaica, Cinchona. Distr. — Jamaica.
- LONGISETOSA (Lindner), 1933b:328 (*Berisargus*). Type-locality: Brazil, Rio de Janeiro, Itatiaia. Distr. — Brazil.
- LOPESI (Lindner), 1935:401 (*Berisargus*). Type-locality: Brazil, Rio de Janeiro, Angra dos Reis, Juçaral. Distr. — Brazil (Rio de Janeiro to Santa Catarina).
- METALLICA (Wiedemann), 1830:60 (*Oxyeera*). Type-locality: West Indies (St. Thomas). Loew is probably correct in suggesting that this species may be a *Nothomyia*.
- NIGRA James, 1942:55. Type-locality: Dominican Republic, Valle Nuevo, S.E. of Constanza. Distr. — Dominican Republic.
- PARVICORNIS James, 1939a:598. Type-locality: Costa Rica, San Carlos. Distr. — Costa Rica to Panama.
- SCUTELLATA Loew, 1869:4 (Centuria 8, no. 4). Type-locality: "Cuba". Distr. — Cuba.
- VIRIDIS Hine, 1911:301. Type-locality: U.S.A., Ohio, Sandusky, Cedar Point (probably adventitious). Distr. — U.S.A. (Ohio); Puerto Rico.

Tribe NEMOTELINI

Genus NEMOTELUS Geoffroy

- NEMOTELUS Geoffroy, 1762:450, 542. Type-species, *Musca pantherina* Linnaeus (I.C.Z.N., 1957a:85). Conserved as of 1762 under Suspension of the Rules (I.C.Z.N., 1957a:85). Refs. — Kertész, 1914 (rev. South American species); James, 1941b (rev. Mexican species).
- Nematotelus*, emend.

- ACUTIROSTRIS Loew, 1863:8 (Centuria 3, no. 13). Type-locality: "Cuba". Distr. — Cuba, Bahamas, ?Galapagos Is.
- ALBIVENTRIS Macquart, 1850:359 (separate, p. 55). Type-locality: U.S.A., Virginia. Distr. — U.S.A. (Virginia to Arizona). Bahama Islands.
- wheeleri* Melander, 1903:182. Type-locality: U.S.A., Texas.
- ALBIVENTRIS Thomson, 1869:462. Type-locality: Galápagos Ids., erroneously given as Manilla (sic!). Distr. — Galápagos Ids.
- BASALIS Kertész, 1914:528. Type-locality: Peru, Lima, Baranca. Distr. — Peru.
- CATHARISTIS Lindner, 1930:276. Type-locality: Argentina, Corrientes, San José. Distr. — Argentina.
- catharistis* Lindner, 1926:97 (nomen nudum).
- CONGRUENS Kertész, 1914:528. Type-locality: Chile, Arica. Distr. — Peru, Chile. Ref. — Lindner, 1941 (suppl. descr.).
- DAMPEI James, 1941b:243. Type-locality: Mexico, Texcaltenco. Distr. — Mexico.
- DIEMLI Lindner, 1941:184. Type-locality: Peru, Cayara. Distr. — Peru.
- DISJUNCTUS Curran, 1925:244. Type-locality: Peru, Lima.
- FLAVICORNIS Johnson, 1894:272. Type-locality: Jamaica, Kingston. Distr. — U.S.A. (Florida), Bahamas, Haiti, Jamaica.
- FLAVOCINGULATUS Kertész, 1914:522. Type-locality: Argentina, Neuquén. Distr. — Argentina (Cordoba to Rio Negro).
- GLABER Loew, 1872:56 (Centuria 10, no. 10). Type-locality: U.S.A., Texas. Distr. — U.S.A. to Panama.
- KANSSENSIS TRINOTATUS Melander, 1903:180 (as species). Type-locality: U.S.A., Texas, Austin. Distr. — U.S.A. (Oklahoma, Texas), Mexico (south to Morelos).
- MACULATUS Kertész, 1914:521. Type-locality: Argentina, Neuquén, Piedra Pinta. Distr. — Argentina (Salta to Neuquén).
- MONENSIS Curran, 1928a:16. Type-locality: Puerto Rico, Mona Island. Distr. — Puerto Rico.
- NEOTROPICUS Curran, 1925:243. Type-locality: Peru, Lima.
- NEUQUENENSIS Kertész, 1914:518. Type-locality: Argentina, Neuquén. Distr. — Argentina (Salta to Neuquén).
- NIGER Bigot, 1879:233. Type-locality: "Chile". Distr. — Chile (Aconcagua); Paraguay; Argentina south to Rio Negro.
- fasciatifrons* Lynch Arribálzaga, 1881:190. Type-locality: Argentina, Rio Negro.
- NIGRICORNIS Kertész, 1914:527. Type-locality: Chile, Arica. Distr. — Chile.
- NIGRINUS Fallén, 1817:6. Type-locality: "Sweden". Distr. — Europe; Alaska to Quebec, south to Hidalgo, Mexico. South American records of this species, as *unicolor* Loew, are probably erroneous.
- NUDUS Kertész, 1914:525. Type-locality: Colombia, Bolivar, Baranquilla. Distr. — Colombia to Brazil (Pernambuco).
- PERUVIANUS Kertész, 1914:519. Type-locality: Peru, Cuzco. Distr. — Peru.
- POLYPOSUS Say, 1829:160. Type-locality: "Mexico". Distr. — Mexico (Veracruz).

- ROEDINOERI Lindner, 1941:183. Type-locality: Peru, Ica, near Victoria. Distr. — Peru.
- RUFICORNIS Bigot, 1879:234. Type-locality: "Chile". Distr. — Chile.
- RUFODOMINALIS Cole, 1923:459. Type-locality: Mexico, Sonora, Tepoca Bay Distr. — Southwestern U.S.A. (New Mexico to California), Mexico (Sonora, Baja California). Ref. — James, 1936b (suppl. descr.).
- RUGOSUS James, 1941b:243. Type-locality: Mexico, Mexico, Llanos de Salazar. Distr. — Mexico.
- SINGULARIS Macquart, 1846:185 (separate, p. 57). Type-locality: "Colombia". Distr. — Colombia.
- SORDIDUS Kertész, 1914:524. Type-locality: Peru, Cuzco. Distr. — Peru.
- SP. James, 1967a:7. Dominica.
- TENUISTYLUS Hanson, 1958:1379. Type-locality: U.S.A., New Mexico, Las Cruces. Distr. — Western U.S.A.; Mexico (Baja California).
- THOMAE Curran, 1928a:15. Type-locality: Virgin Islands, St. Thomas. Distr. — Virgin Islands.
- TITSCHACKI Lindner, 1941:182. Type-locality: Peru, Sivia. Distr. — Peru.
- VARIABILIS Hanson, 1958:1368. Type-locality: U.S.A., Florida, Hibernia. Distr. — southern U.S.A. (Florida to California); northern Mexico.

Subfamily PACHYGASTRINAE

Refs. — Kertész, 1916 (key to genera of World); Lindner, 1964 (key to Neotropical genera); James, 1967c (key to Argentine genera).

Genus ACANTHINOMYIA Hunter

- Acanthina* Wiedemann, 1830:50 (preocc. Fischer, 1807). Type-species, *elongata* Wiedemann (Brauer, 1882:86).
- ACANTHINOMYIA Hunter, 1901:129 (nom. nov. for *Acanthina* Wiedemann). Type-species, *Acanthina elongata* Wiedemann (aut.). Ref. — Kertész, 1914 (revision, key).
- Acanthinia*, error.
- BEQUAERTI Curran, 1925:338. Type-locality: Brazil, Amazonas, Rio Branco, Vista Alegre. Distr. — Brazil (Amazonas, Pará).
- CENTOR Curran, 1934:313. Type-locality: Guyana, Bartica, Kartabo. Distr. — Guyana.
- ELONGATA (Wiedemann), 1824:30 (*Clitellaria*). Type-locality: "South America". Distr. — Costa Rica to Guyana, Peru, and Brazil (south to São Paulo); Trinidad.
- LONGA (Wiedemann), 1830:51 (*Acanthina*). Type-locality: "Brazil". Distr. — Brazil (Rio de Janeiro to Santa Catarina); Argentina (Misiones).
- METALLICA Curran, 1934:312. Type-locality: Guyana, Bartica, Kartabo. Distr. — Guyana.
- PIANA (Walker), 1854:305 (*Acanthina*). Type-locality: Brazil, Pará, Santarém. Distr. — Brazil. (Generic position uncertain).

PULCHELLA James, 1936a:54. Type-locality: Mexico, Veracruz, Córdoba. Distr. — Mexico.

Genus ARTEMITA Walker

ARTEMITA Walker, 1854:61. Type-species, *Clitellaria amenides* Walker (Brauer, 1882:). Refs. — Kertész, 1914 (revision); James, 1971 (South American species).

Hypocerina Bigot, 1879:207. (Nomen nudum).

Pseggomma Enderlein, 1914a:304. Type-species, *Artemita argentea* Walker (orig. des.).

AMENIDES (Walker), 1849:523 (*Clitellaria*). Type-locality: Not given. Distr. — Canal Zone to Guyana, Bolivia, and Brazil (south to Santa Catarina).

ARGENTEA Osten Sacken, 1886:41. Type-localities: "Costa Rica, Caché, and Colombia, no locality". Distr. — Mexico to Peru.

aurcostriata Enderlein, 1914a:304 (*Pseggomma*). Type-locality: "Costa Rica".

AURATA Macquart, 1846:179 (separate, p. 51). Type-locality: "Colombia". Distr. — Panama, Colombia, Ecuador, Peru.

aurata Bigot, 1879:207. Type-locality: "Colombia".

BANKSI James, 1971:66. Type-locality: Canal Zone, Barro Colorado Island. Distr. — Canal Zone.

BELLARDI Giglio-Tos, 1891:2, 1892:12. Type-locality: Mexico, Tehuacán. Distr. — Mexico.

BICOLOR Kertész, 1914:482. Type-localities: "Bolivia, Coroico, and Brazil, Espírito Santo". Distr. — Panama, Canal Zone, Surinam, Bolivia, Brazil (south to Santa Catarina), Argentina (Misiones); Trinidad.

BRASILIANA Lindner, 1964:10. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

CONVEXA (Walker), 1854:304 (*Acanthina*). Type-locality: Brazil, Pará, Santarém. Distr. — Costa Rica to Peru and Brazil (south to Santa Catarina).

porcata Walker, 1857:120 (*Acanthina*). Type-locality: "Amazon Region".

HIEROGLYPHICA (Wiedemann), 1830:50 (*Acanthina*). Type-locality: "Brazil". Distr. — Mexico (north to Puebla) to Brazil (south to Santa Catarina).

halala Walker, 1849:523 (*Clitellaria*). Type-locality: "Honduras".

ornata Macquart, 1846:179 (separate, p. 51) (*Acanthina*). Type-locality: "Colombia".

marmorata Gerstaecker, 1857:37 (*Acanthina*). Type-locality: "Brazil".

LATIFRONS James, 1971:62. Type-locality: Peru, Madre de Dios, Avispas. Distr. — Ecuador, Peru.

NANA (Bellardi), 1862:9, 1864:208 (*Acanthina*). Type-locality: Mexico, Veracruz, Tuxpango near Orizaba. Distr. — U.S.A. (Texas), Mexico (Tamaulipas to Nayarit and Oaxaca), Dominica. Ref. — James, 1967a (as *Artemita inornata*, suppl. descr.).

inornata Williston, 1900:249 (*Acanthina*). Type-locality: Mexico, Veracruz, Atoyac.

PERUVIANA Kertész, 1914:486. Type-locality: Peru, Callanga. Distr. — Peru.
PODEXARGENTEUS Enderlein, 1914a:304. Type-locality: Brazil, Santa Catarina.
Distr. — Brazil (São Paulo, Santa Catarina), Paraguay.

Genus BLASTOCERA Gerstaecker

BLASTOCERA Gerstaecker, 1857:341. Type-species, *speciosa* Gerstaecker
(mon.). Ref. — Kertész, 1908 (suppl. deser.).
SPECIOSA Gerstaecker, 1857:342. Type-locality: "Brazil". Distr. — Canal
Zone to Argentina and Brazil (south to Santa Catarina).
atra Wandolleck, 1897:216. Type-locality: St. Cruz.

Genus BORBORIDEA Kertész

BORBORIDEA Kertész, 1916:155. Type-species, *megaspis* Kertész (orig. des.).
MEGASPIS Kertész, 1916:157. Type-locality: Brazil, Solidade (?). Distr. —
Brazil (Santa Catarina), Argentina (La Rioja). Ref. — Lindner,
1949 (suppl. deser.).
MICROCEPHALUM (Kraft & Cook), 1961:10 (*Zabrachia*). Type-locality: U.S.A.,
Texas, Marathon. Distr. — U.S.A. (Texas), Mexico (Sonora,
Veracruz).

Genus BRACHYODINA Lindner

BRACHYODINA Lindner, 1949:878-879. Type-species, *niveioscula* Lindner
(mon.).
NIVEIOSCULA Lindner, 1949:879. Type-locality: Guyana, Mazaruni. Distr. —
Guyana.

Genus CAENACANTHA Wulp

CAENACANTHA Wulp, 1885:58. Type-species, *bipartita* Wulp (?mon.).
BIPARTITA Wulp, 1885:59. Type-locality: "Colombia". Distr. — Colombia.

Genus CACTOBIA James

CACTOBIA James, 1966c:109. Type-species, *opuntiae* James (orig. des.).
OPUNTIAE James, 1966c:111. Type-locality: Mexico, Guanajuato, San Miguel
de Allende. Distr. — Mexico (Guanajuato, Aguascalientes).

Genus CHALCIDOMORPHINA Enderlein

CHALCIDOMORPHINA Enderlein, 1914a:298. Type-species, *aurata* Enderlein
(orig. des.).
Chalcomorphina, error.
AURATA Enderlein, 1914a:299. Type-locality: Colombia, Hacienda Pehlke.
Distr. — Mexico (Morelos), Colombia, Peru. Ref. — Lindner,
1951 (suppl. deser., fig.).
PLANES James, 1967a:20 (*Chalcomorphina*). Type-locality: Dominica, Clarke
Hall. Distr. — Dominica.

Genus CHARISINA Lindner

CHARISINA Lindner, 1951:262. Type-species, *angustifrons* Lindner (mon.).
Ref. — Lindner, 1964 (redescribed as new).

ANGUSTIFRONS Lindner, 1951:262. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Ref. — Lindner, 1964 (redescribed as new).

Genus CHLAMYDONOTUM Lindner

CHLAMYDONOTUM Lindner, 1949:882. Type-species, *nigreradiatum* Lindner (mon.). Ref. — James, 1967c (key).

DENTATUM James, 1967c:111. Type-locality: Argentina, Tucumán, Burruyacu, Villa Padre Monti. Distr. — Argentina.

NIGRERADIATUM Lindner, 1949:883. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Santa Catarina), Argentina (Tucumán).

PALLIPES Lindner, 1951:261. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil. Generic reference uncertain; possibly *Praomyia*.

Genus CHOROPHTHALMYIA Lindner

CHOROPHTHALMYIA Lindner, 1964:6. Type-species, *brevicornis* Lindner (mon.).

Chorophthalmus Lindner, 1964:18 (lapsus; Lindner, 1969:5).

BREVICORNIS Lindner, 1964:6, 18. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus CLARISSA Lindner

CLARISSA Lindner, 1964:7, 19. Type-species, *pallipes* Lindner (mon.).

PALLIPES Lindner, 1964:19. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus COSMARIOMYIA Kertész

COSMARIOMYIA Kertész, 1914:552. Type-species, *argyrosticta* Kertész (orig. des.).

Lophoteles Authors, not Loew.

ARGYROSTICTA Kertész, 1914:554. Type-locality: Brazil, São Paulo. Distr. — Brazil (São Paulo, Santa Catarina), Argentina (Salta, Tucumán).

PALLIDIPENNIS (Williston), 1900:250 (*Lophoteles*). Type-locality: Mexico, Veraacruz, Atoyac. Distr. — U.S.A. (?Ohio), Mexico.

plumula Loew of Enderlein, 1914a:310 (*Lophoteles*), misident.

Genus CYCLOTASPIS Lindner

CYCLOTASPIS Lindner, 1964:5, 20. Type-species, *inornata* Lindner (mon.).

INORNATA Lindner, 1964:20. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus CYNIPIMORPHA Brauer

CYNIPIMORPHA Brauer, 1882:75, 87. Type-species, *bilimeki* Brauer (as *bilimecki*) (mon.). Ref. — Kertész, 1908 (suppl. descr.).

Cynipomorpha, emendation.

BILIMEKI Brauer, 1882:75. Type-localities: Mexico, Veracruz, Orizaba, and Morelos, Cuernavaca (as *bilimecki*, lapsus). Distr. — Mexico (San Luis Potosí, Veracruz, Morelos).

Genus DACTYLACANTHA Lindner

DACTYLACANTHA Lindner, 1964:6, 12. Type-species, *plumanni* Lindner (mon.).

PLAUMANNI Lindner, 1964:12. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus DACTYLODEICTES Kertész

DACTYLODEICTES Kertész, 1914:544. Type-species, *amazonicus* Kertész (orig. des.).

AMAZONICUS Kertész, 1914:545. Type-locality: "Brazil", no locality. Distr. — Brazil.

DEPRESSUS James, 1967a:16. Type-locality: Dominica, Clarke Hall. Distr. — Dominica.

INSULARIS James, 1966a:539. Type-locality: Galápagos Islands, Santa Cruz Island, Academy Bay. Distr. — Galápagos Islands.

LOPESI Lindner, 1964:5, 15. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Canal Zone, Trinidad, Brazil.

Genus DIASTROPHTHALMUS Lindner

DIASTROPHTHALMUS Lindner, 1949:885. Type-species, *flavimanus* Lindner (mon.).

FLAVIMANUS Lindner, 1949:886. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus ECCHIAETOMYIA Lindner

ECCHIAETOMYIA Lindner, 1949:887. Type-species, *nigrovittata* Lindner (mon.).

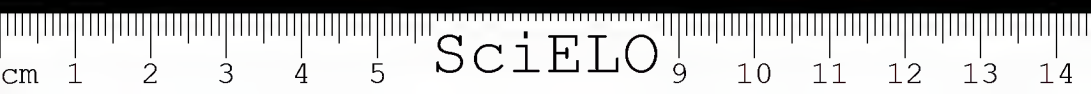
NIGROVITTATA Lindner, 1949:888. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil (Santa Catarina), Argentina (Tucumán).

Genus EICOCHALCIDINA Lindner

EICOCHALCIDINA Lindner, 1964:6, 14. Type-species, *marginalis* Lindner (mon.).

GOLBACHI James, 1967c:116. Type-locality: Argentina, Tucumán, Burruyaçu, Villa Padre Monti. Distr. — Argentina.

MARGINALIS Lindner, 1964:14. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.



Genus EIDALIMUS Kertész

- EIDALIMUS Kertész, 1914:546. Type-species, *annulatus* Kertész (orig. des.).
Pyelomyia Kertész, 1916:189. Type-species, *annulata* Kertész (orig. des.).
ANGUSTIFRONS James, 1967c:101. Type-locality: Argentina, Tucumán, Quebrada la Toma. Distr. — Argentina.
ANNULATUS Kertész, 1914:547. Type-locality: Peru, Urubamba River, Umuhuankiali. Distr. — Peru.
annulatus Kertész, 1916:190 (*Pyelomyia*). Type-localities: Peru, Callanga and Vileanota.
FLAVICORNIS Lindner, 1969:4. Type-locality: ?Brazil, ?Santa Catarina, Caraguatá River. Distr. — ?Brazil.
HENSRAWI (Malloch), 1917:338 (*Eupachygaster*). Type-locality: U.S.A., Illinois, Savoy. Distr. — U.S.A., Cuba.

Genus ENGICERUS Lindner

- ENGICERUS Lindner, 1964:7, 16. Type-species, *major* Lindner (mon.).
MAJOR Lindner, 1964:16. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus EUCYNIPIMORPHA Malloch

- EUCYNIPIMORPHA Malloch, 1915:312. Type-species, *Cynipimorpha minuta* Williston (orig. des.).
MINUTA (Williston), 1900:252 (*Cynipimorpha*). Type-locality: Mexico, Guerrero, Chilpancingo. Distr. — Mexico (Sonora, Guerrero) to Canal Zone.

Genus EUPACHYGASTER Kertész

- EUPACHYGASTER Kertész, 1911:31. Type-species, *Pachygaster tarsalis* Zetterstedt (orig. des.).
ALEXANDERI (Brèthes), 1922:140 (*Vappo*). Type-locality: Argentina. Distr. — Argentina (Tucumán, Mendoza). Rcfs. — Blanchard, 1923 (suppl. descr., larva); James, 1967c (suppl. descr.).
VILLOSA James, 1939a:606. Type-locality: Costa Rica, San Mateo, Higuito. Distr. — Costa Rica. (Generic position uncertain).

Genus GOWDEYANA Curran

- GOWDEYANA Curran, 1928b:15. Type-species, *mirabilis* Curran (mon.).
MIRABILIS Curran, 1928b:15. Type-locality: Jamaica, Hope Gardens. Distr. — Jamaica.

Genus Hexacraspis Enderlein

- Hexacraspis* Enderlein, 1914a:295. Type-species, *Diphysa sexspinoso* Macquart (orig. des.).
sexspinoso (Macquart), 1846:174 (separate, p. 46) (*Diphysa*). Type-locality: "Brazil"; in error; a South African species, Not Neotropical.

Genus HYPSELOPHRUM Kertész

HYPSELOPHRUM Kertész, 1909:381. Type-species, *cyphomyioides* Kertész (mon.).

CYPHOMYIOIDES Kertész, 1909:382. Type-locality: Peru, Callanga. Distr. — Peru.

Genus LASIODEICTES Lindner

LASIODEICTES Lindner, 1964:7, 17. Type-species, *niger* Lindner (mon.).

NIGER Lindner, 1964:17. Type-localities: Brazil, Santa Catarina, Rio Caraguatá and Nova Teutônia. Distr. — Brazil.

Genus LIGYROMYIA Kertész

LIGYROMYIA Kertész, 1916:200. Type-species, *columbiana* Kertész (orig. des.).

COLOMBIANA Kertész, 1916:201. Type-locality: Colombia, Sierra S. Lorenzo. Distr. — Colombia to Brazil (south to Santa Catarina) and Argentina (Tucumán); Trinidad. Ref. — Lindner, 1933a (suppl. descr.).

Genus LYPROTEMYIA Kertész

LYPROTEMYIA Kertész, 1909:391. Type-species, *formicaeformis* Kertész (mon.).

FORMICAEFORMIS Kertész, 1909:391. Type-locality: Peru, Meshagua, Urubamba River. Distr. — Peru.

Genus MANOTES Kertész

MANOTES Kertész, 1916:180. Type-species, *plana* Kertész (orig. des.). Ref. — James, 1967c (key).

FLAVIPES James, 1967c:105. Type-locality: Argentina, Formosa, Pirané. Distr. — Argentina.

HYALINA James, 1967c:108. Type-locality: Argentina, Tucumán, Burruyacu, Villa Padre Monti. Distr. — Argentina (Salta, Tucumán).

LATIMANUS James, 1967c:106. Type-locality: Mexico, Puebla, Acatlán. Distr. — Mexico.

PLANA Kertész, 1916:181. Type-locality: Paraguay, Asunción. Distr. — Mexico (Morcos), Bolivia, Brazil (Santa Catarina), Paraguay, Argentina (Tucumán). Ref. — James, 1967c (suppl. descr.).

nigrobasis Lindner, 1949:886 (*Borboridca*). Type-locality: Brazil, Santa Catarina, Nova Teutônia.

Genus MERISTOCERA Lindner

MERISTOCERA Lindner, 1964:13. Type-species, *aurea* Lindner (mon.).

AUREA Lindner, 1964:13. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

aurata, error.

LATICORNIS James, 1967a:15. Type-locality: Dominica, Clarke Hall. Distr.
— Dominica.

Genus MYIOCAVIA Lindner

MYIOCAVIA Lindner, 1949:883-884. Type-species, *tomentosa* Lindner (mon.).

TOMENTOSA Lindner, 1949:884. Type-locality: Brazil, Santa Catarina, Nova
Teutônia. Distr. — Brazil.

Genus MYCTEROCERA James

MYCTEROCERA James, 1967c:117. Type-species, *contigua* James (orig. des.).

CONTIGUA James, 1967c:118. Type-locality: Argentina, Tucumán, Burruyacu,
Villa Padre Monti. Distr. — Argentina.

Genus NEOACANTHINA Kertész

NEOACANTHINA Kertész, 1914:477. Type-species, *fasciata* Kertész (orig. des.).

FASCIATA Kertész, 1914:479. Type-locality: Brazil, Amazon. Distr. — Brazil.

Genus NEOCHAUNA Williston

Chauna Loew, 1847:370 (preocc. Illiger, 1811). Type-species, *variabilis*
Loew, 1847:370 (mon.).

NEOCHAUNA Williston, 1896:48 (nom. nov. for *Chauna* Loew). Type-species,
Chauna variabilis Loew (aut.).

VARIABILIS (Loew), 1847:370 (*Chauna*). Type-locality: "Cuba". Distr. —
Mexico (Chiapas) to Brazil (Mato Grosso); Cuba.

ferruginca Gerstaecker, 1857:340 (*Chauna*). Type-locality: "Cuba".

Genus NETROGRAMMA Lindner

NETROGRAMMA Lindner, 1964:5, 17. Type-species, *consona* Lindner (mon.).

CONSONA Lindner, 1964:17. Type-locality: Brazil, Santa Catarina, Nova
Teutônia. Distr. — Brazil.

Genus PACHYGASTER Meigen

PACHYGASTER Meigen, 1803:266. Type-species, *Nemotelus ater* Panzer (orig.
des.).

WIRTHI James, 1967a:18. Type-locality: Dominica, Hillsborough Estate.
Distr. — Dominica, Antigua (Generic position uncertain).

Genus PANACRIS Gerstaecker

PANACRIS Gerstaecker, 1857:346. Type-species, *lucida* Gerstaecker (mon.).
Ref. — Kertész, 1908 (key, revision).

BREVISETA Lindner, 1964:8. Type-locality: Brazil, Santa Catarina, Nova
Teutônia. Distr. — Brazil.

LUCIDA Gerstaecker, 1857:347. Type-locality: French Guiana, Cayenne.
Distr. — French Guiana, Brazil (Mato Grosso, Santa Catarina).

- MAXIMA Kertész, 1908:367. Type-localities: Brazil, Espírito Santo and Santa Catarina. Distr. — Brazil (Minas Gerais, Espírito Santo, Santa Catarina). Ref. — Lindner, 1949 (suppl. descr.).
- MICRODONTA Kertész, 1908:366. Type-localities: Peru, mouth of Pachitea R. and Meshagua, Urubamba River; Mexico; Costa Rica. Distr. — Mexico to Peru and Bolivia.
- NIGRIBASIS Lindner, 1949:877. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- PICTIPENNIS Kertész, 1908:365. Type-locality: Peru, Meshagua, Urubamba River. Distr. — Peru.
- PROXIMA Kertész, 1908:368. Type-localities: Peru, Urubamba River and Unini, Ucayali River. Distr. — Canal Zone to Peru. Possibly a synonym of *lucida* Gerstaecker.

Genus PARACANTHINOMYIA Lindner

- PARACANTHINOMYIA Lindner, 1964:4, 9. Type-species, *argyrostriata* Lindner (orig. des.).
- ARGYROSTRIATA Lindner, 1964:9. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus PAREIDALIMUS Lindner

- PAREIDALIMUS Lindner, 1964:3, 6. Type-species, *Eidalimus vitrisetosus* Lindner (mon.).
- ARGENTUS James, 1967c:100. Type-locality: Argentina, Tucumán, Quebrada la Toma. Distr. — Argentina.
- RYCKMANI James, 1965:907. Type-locality: Mexico, Puebla, Acatlán. Distr. — Mexico.
- VITRISETOSUS (Lindner), 1935:398 (*Eidalimus*). Type-locality: Brazil, Santa Catarina, Jaraguá. Distr. — Brazil (Santa Catarina), Argentina (Tucumán, Salta). Ref. — James, 1967e (suppl. descr.).
- punctifer* Malloch of Lindner, 1949:890 (figs. 39-40), 891, misident.

Genus PEDINOCERA Kertész

- PEDINOCERA Kertész, 1909:392. Type-species, *longicornis* Kertész (mon.).
- LONGICORNIS Kertész, 1909:393. Type-locality: Peru, Ucayali River, Unini. Distr. — Peru, Brazil (Santa Catarina).

Genus PELTINA Lindner

- Peltina* Lindner, 1964:7. Type-species, *fuliginosa* Lindner. Nomen nudum.
- PELTINA Lindner, 1969:4. Type-species, *fuliginosa* Lindner (mon.).
- CAZIERI (James), 1953a:5 (*Pachygaster*). Type-locality: Bahama Islands, South Bimini. Distr. — British West Indies, Cuba.
- FULIGINOSA Lindner, 1969:4. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.
- fuliginosa* Lindner, 1964:7. Nomen nudum.

Genus PLATYLOBIUM Lindner

PLATYLOBIUM Lindner, 1933b:326. Type-species, *zurstrasseni* Lindner (orig. des.).

ZURSTRASSENI Lindner, 1933b:326. Type-locality: Peru, Iquitos, Mishuyacu.

Genus POPANOMYIA Kertész

POPANOMYIA Kertész, 1909:393. Type-species, *femoralis* Kertész (mon.).

FEMORALIS Kertész, 1909:394. Type-locality: Peru, Meshagua, Urubamba River. Distr. — Peru, Brazil (Santa Catarina).

Genus PROEGMENOMYIA Kertész

PROEGMENOMYIA Kertész, 1914:467. Type-species, *metallica* Kertész (orig. des.).

Procgmenomyia, error.

METALLICA Kertész, 1914:468. Type-locality: Peru, Urubamba River. Distr. — Guyana, Peru.

Genus PSEPHOCERA Enderlein

PSEPHOCERA Enderlein, 1914a:300. Type-species, *flavipes* Enderlein (orig. des.).

CALLOSA James, 1967a:13. Type-locality: Dominica, Clarke Hall. Distr. — Dominica.

COGNATA (Lindner), 1949:881 (*Pyelomyia*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

FLAVIPES Enderlein, 1914a:301. Type-locality: Brazil, Santa Catarina. Distr. — Brazil (São Paulo, Santa Catarina).

MARGINATA James, 1967a:12. Type-locality: Dominica, Clarke Hall. Distr. — Dominica.

METZI Johnson, 1919:426. Type-locality: Jamaica, Port Antonio. Distr. — Jamaica.

MODESTA (Lindner), 1949:881 (*Pyelomyia*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

SP. Lindner, 1964:18. Brazil, Santa Catarina, Nova Teutônia.

SUPERBA (Lindner), 1949:879 (*Pyelomyia*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus PSEUDOCYPHOMYIA Kertész

PSEUDOCYPHOMYIA Kertész, 1916:149. Type-species, *mimetica* Kertész (orig. des.).

MIMETICA Kertész, 1916:150. Type-locality: "Brazil, Amazon". Distr. — Brazil.

Genus SPANIOMYIA Kertész

SPANIOMYIA Kertész, 1914:462. Type-species, *Artemita pulchripennis* Brauer (orig. des.). Rcf. — McFadden, 1971c (review, key).



- OBESA (Walker), 1860:270 (*Clitellaria*). Type-locality: "Mexico". Distr. — Mexico. Ref. — McFadden, 1971c (redeser. of type, figs.).
- PULCHRIFENNIS (Brauer), 1882:74 (*Artemita*). Type-locality: "Brazil". Distr. — Brazil (Guanabara to Santa Catarina).
- SOROR Lindner, 1964:8. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus SPYRIDOPA Gerstaecker

- SPYRIDOPA Gerstaecker, 1857:344. Type-species, *tarsalis* Gerstaecker (mon.). Ref. — Kertész, 1908 (redeser.) (as *Spyripoda*).
- Spyripoda*, error.
- Spyridota*, error.
- TARSALIS Gerstaecker, 1857:345. Type-locality: "Brazil". Distr. — Peru, Brazil (Guanabara, Santa Catarina).

Genus STROBILASPIS Lindner

- STROBILASPIS Lindner, 1949:888-889. Type-species, *nigrimana* Lindner (mon.).
- NIGRIMANA Lindner, 1949:890. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus SYNAPTOCHAETA Lindner

- SYNAPTOCHAETA Lindner, 1964:6, 15. Type-species, *digitata* Lindner (mon.).
- DIGITATA Lindner, 1964:15. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus TEGOCERA Lindner

- TEGOCERA Lindner, 1964:6, 13. Type-species, *jamesi* Lindner (mon.).
- JAMESI Lindner, 1964:13. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus THOPOMYIA Kertész

- THOPOMYIA Kertész, 1916:171. Type-species, *dichroa* Kertész (orig. des.).
- DICHROA Kertész, 1916:172. Type-locality: "Peru". Distr. — Peru.

Genus TRIGONOCERINA Lindner

- TRIGONOCERINA Lindner, 1964:5, 11. Type-species, *flaviventris* Lindner (orig. des.).
- FLAVIVENTRIS Lindner, 1964:5, 11. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. — Brazil.

Genus VITTIGER Kertész

- VITTIGER Kertész, 1909:395. Type-species, *schmusei* Kertész (mon.).
- SCHMUSEI Kertész, 1909:396. Type-locality: Peru, mouth of Pachitca R. Distr. — Peru, Brazil (Santa Catarina).



Genus ZABRACHIA Coquillett

- ZABRACHIA Coquillett, 1901:585. Type-species, *polita* Coquillett (orig. des.).
Ref. — Kraft & Cook, 1961 (revision); James, 1965 (partial key,
key to larvae).
- CORNUTA Kraft & Cook, 1961:9. Type-locality: U.S.A., Arizona, Globe.
Distr. — U.S.A. (Arizona), Mexico (Sinaloa).
- STOCHOIDES James, 1965:905. Type-locality: Mexico, Oaxaca, Oaxaca. Distr.
— Mexico.

Unplaced Species

- SCUTELLARIS Walker, 1854:313 (*Clitellaria*). Type-locality: Brazil, Pará,
Santarém. A pachygastrine, according to Kertész.

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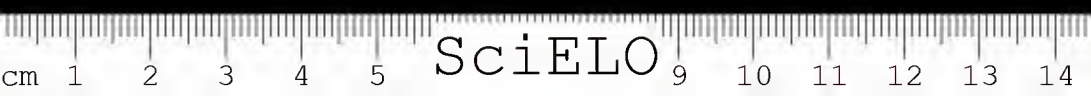
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INDEX

| | |
|---|-------|
| abana Curran, 1929, <i>Cyphomyia</i> | 26.25 |
| abana Curran, 1932, <i>Merosargus</i> | 26.10 |
| Abasanistus Kertész, 1923 | 26.24 |
| Abavus Enderlein, 1914 | 26.29 |
| abditus Lindner, 1949, <i>Hedriodiscus</i> | 26.40 |
| abdominalis James, 1936, <i>Microchrysa</i> | 26.16 |



| | |
|---|-------|
| <i>Acanthina</i> Wiedemann, 1830 | 28.49 |
| <i>Acanthinia</i> , error | 26.49 |
| <i>Acanthinomyia</i> Hunter, 1901 | 26.49 |
| <i>Acrochaeta</i> Wiedemann, 1830 | 26.8 |
| <i>Acrodcsmia</i> Enderlein, 1914 | 26.36 |
| <i>Acropeltates</i> Kertész, 1923 | 26.29 |
| <i>Aetina</i> Meigen, 1804 | 26.4 |
| <i>Actinomia</i> , error | 26.4 |
| <i>Actinomyia</i> Lindner, 1949 | 26.4 |
| <i>acuminata</i> James, 1940, <i>Cyphomyia</i> | 26.25 |
| <i>acutirostris</i> Loew, 1863, <i>Nemotelus</i> | 26.48 |
| <i>acutus</i> James, 1971, <i>Merosargus</i> | 26.10 |
| <i>aczeli</i> James, 1953, <i>Cyphomyia</i> | 26.25 |
| <i>Adoxomyia</i> Kertész, 1907 | 26.30 |
| <i>Adoxomyia</i> Bezzi, 1908 | 26.30 |
| <i>adusta</i> Lindner, 1949, <i>Acrochaeta</i> | 26.8 |
| <i>adustus</i> Lindner, 1949, <i>Ptecticus</i> | 26.17 |
| <i>acnea</i> Lindner, 1949, <i>Chaetohermestia</i> | 26.36 |
| <i>aenea</i> Thomson, 1869, <i>Hadrestia</i> | 26.6 |
| <i>aeneipennis</i> Giglio-Tos, 1892, <i>Hermetia</i> | 26.36 |
| <i>aenciventris</i> (Giglio-Tos), 1892 (<i>Chrysonotus</i>), <i>Himantoloba</i> | 26.10 |
| <i>aeneus</i> (Lindner), 1949 (<i>Coenosargus</i>), <i>Merosargus</i> | 26.10 |
| <i>affinis</i> (Bellardi), 1859 (<i>Odonthomyia</i>), <i>Hedriodiscus</i> | 26.40 |
| <i>affinis</i> Gerstaecker, 1857, <i>Cyphomyia</i> | 26.25 |
| <i>affinis</i> Schiner, 1868, <i>Ptecticus</i> | 26.17 |
| <i>affinis</i> Williston, 1888, <i>Dicranophora</i> | 26.21 |
| <i>akrei</i> James & McFadden, 1971, <i>Merosargus</i> | 26.10 |
| <i>albicaput</i> (Walker), 1849 (<i>Clitellaria</i>), <i>Cyphomyia</i> | 26.25 |
| <i>albidus</i> McFadden, 1971, <i>Merosargus</i> | 26.10 |
| <i>albifacies</i> James, 1941, <i>Merosargus</i> | 26.11 |
| <i>albipes</i> James, 1939, <i>Chrysochlorina</i> | 26.35 |
| <i>albipes</i> (Townsend), 1903 (<i>Chrysochroma</i>), <i>Himantoloba</i> | 26.9 |
| <i>albirostris</i> Macquart, 1850, <i>Nemotelus</i> | 26.48 |
| <i>albitalis</i> Williston, 1896, <i>Pelagomyia</i> | 26.36 |
| <i>albitalus</i> , error, <i>Pelagomyia</i> | 26.36 |
| <i>albitarsis</i> Fabricius, 1805, <i>Hermetia</i> | 26.36 |
| <i>albitarsis</i> (Fabricius), 1805 (<i>Stratiomys</i>), <i>Cyphomyia</i> | 26.25 |
| <i>albitarsis</i> Fabricius of Wiedemann, 1824, <i>Cyphomyia</i> | 26.28 |
| <i>albitarsis</i> Macquart, 1846, <i>Beris</i> | 26.5 |
| <i>albicentris</i> Thomson, 1869, <i>Nemotelus</i> | 26.48 |
| <i>albomaculata</i> (Macquart), 1834 (<i>Odontomyia</i>), <i>Cyphomyia</i> | 26.25 |
| <i>albomaculata</i> Macquart, 1838, <i>Odontomyia</i> | 26.43 |
| <i>albopictus</i> James, 1971, <i>Merosargus</i> | 26.11 |
| <i>alchidas</i> Walker, 1849, <i>Sargus</i> | 26.18 |
| <i>aleus</i> (Walker), 1849 (<i>Acrochaeta</i>), <i>Hoplitimyia</i> | 26.42 |
| <i>alexanderi</i> Brèthes, 1922 (Vappo), <i>Eupachygaster</i> | 26.54 |
| <i>Allognosta</i> Osten Sacken, 1883 | 26.4 |
| <i>Aloipha</i> Enderlein, 1914 | 26.10 |
| <i>Aloiphina</i> Lindner, 1949 | 26.10 |
| <i>alticola</i> McFadden, 1971, <i>Merosargus</i> | 26.11 |
| <i>altifrons</i> James, 1939, <i>Cyphomyia</i> | 26.25 |
| <i>altifrons</i> James, 1971, <i>Merosargus</i> | 26.11 |
| <i>altifrons</i> Wulp, 1888, <i>Odontomyia</i> | 26.43 |
| <i>amazonicus</i> Kertész, 1914, <i>Dactylodictes</i> | 26.53 |



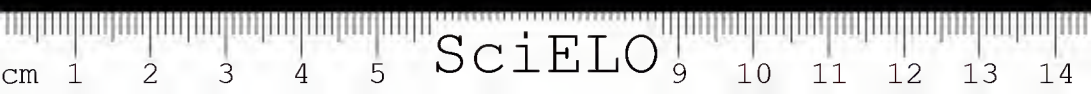
| | |
|---|-------|
| amenides (Walker), 1849 (Clitellaria), Artemita | 26.50 |
| amethystinus (Lindner), 1969 (Aloipha), Merosargus | 26.11 |
| amoenum Lindner, 1969, Anapospasma | 26.30 |
| Amphilecta Brauer, 1882 | 26.36 |
| ampulla James, 1938, Hermetia | 26.37 |
| ampulla James, 1971, Merosargus | 26.11 |
| Analococeroides Hollis, 1962 | 26.20 |
| Analococerus Loew, 1855 | 26.20 |
| analis (Williston), 1888 (Chrysonotus), Himantoloba | 26.9 |
| Anapospasma Lindner, 1969 | 26.30 |
| anchorata Bigot, 1879, Odontomyia | 26.44 |
| anchorata Bigot, 1879, Odontomyia | 26.44 |
| andinus James, 1971, Merosargus | 26.11 |
| andreas (Walker), 1849 (Sargus), Hermetia | 26.38 |
| androgyna Osten Sacken, 1886, Cyphomyia | 26.25 |
| angulatus McFadden, 1971, Merosargus | 26.11 |
| angusta Enderlein, 1914, Eumenogastrina | 26.9 |
| angustifrons James, 1967, Eidalimus | 26.54 |
| angustifrons Lindner, 1951, Charisina | 26.52 |
| angustus James, 1971, Merosargus | 26.11 |
| Anisoscopus McFadden, 1970 | 26.20 |
| annulatus Kertész, 1914, Eidalimus | 26.54 |
| annulatus (Kertész), 1916 (Pyelomyia), Eidalimus | 26.54 |
| annulipes Enderlein, 1921, Oplachantha | 26.7 |
| annulipes (Enderlein), 1921 (Chiromyza), Barbiellinia | 26.1 |
| Anopisthocrania Lindner, 1935 | 26.39 |
| antennatus Schiner, 1868, Merosargus | 26.11 |
| anthidium James, 1967, Hermetia | 26.37 |
| anticus Curran, 1932, Merosargus | 26.11 |
| Antissa Walker, 1854 | 26.23 |
| Antissini | 26.23 |
| Antissops Enderlein, 1914 | 26.5 |
| Aochletus Osten Sacken, 1886 | 26.32 |
| apicalis Lindner, 1929, Chaetohermestia | 26.36 |
| apicalis Lindner, 1935, Merosargus | 26.11 |
| apicalis Wiedemann, 1830, Hermetia | 26.36 |
| arancifera Schiner, 1868, Odontomyia | 26.44 |
| Archistratiomys Enderlein, 1913 | 26.4 |
| arcuatus James, 1971, Merosargus | 26.11 |
| argentea Osten Sacken, 1886, Artemita | 26.50 |
| argenteus James, 1967, Pareidalimus | 26.57 |
| armata (Wiedemann), 1830 (Sargus), Rhaphiocera | 26.23 |
| argyrosticta Kertész, 1914, Cosmariomyia | 26.52 |
| argyrostriata Lindner, 1964, Paracanthinomyia | 26.57 |
| Artemita Walker, 1854 | 26.50 |
| astuta Williston, 1888, Dieranophora | 26.21 |
| aterrima James, 1940, Chordonota | 26.24 |
| aterrima Walker, 1856, Odontomyia | 26.44 |
| atra Wandolleck, 1897, Blastocera | 26.51 |
| atrata (Fabricius), 1805 (Stratiomys), Labocerina | 26.29 |
| atriannulatus McFadden, 1971, Merosargus | 26.11 |
| atriceps Loew, 1855, Analococerus | 26.20 |
| atrobasis (James), 1941 (Geosargus), Sargus | 26.18 |
| Aulococromyia Lindner, 1969 | 26.20 |



| | |
|---|-------|
| <i>aurata</i> , error, <i>Meristocera</i> | 26.55 |
| <i>aurata</i> Bellardi, 1861, <i>Hermetia</i> | 26.37 |
| <i>aurata</i> Bigot, 1879, <i>Artemita</i> | 26.50 |
| <i>aurata</i> Enderlein, 1914, <i>Chalcidomorphina</i> | 26.51 |
| <i>aurata</i> Macquart, 1846, <i>Artemita</i> | 26.50 |
| <i>aurea</i> Lindner, 1864, <i>Meristocera</i> | 26.55 |
| <i>aureonitens</i> James, 1971, <i>Merosargus</i> | 26.11 |
| <i>aureostriata</i> (Enderlein), 1914 (<i>Psegmomma</i>), <i>Artemita</i> | 26.50 |
| <i>aureus</i> Bellardi, 1859, <i>Sargus</i> | 26.20 |
| <i>auricoma</i> Enderlein, 1921, <i>Exaeretina</i> | 26.6 |
| <i>auriflamma</i> Wiedemann, 1819, <i>Cyphomyia</i> | 26.25 |
| <i>aurifrons</i> Wiedemann, 1830, <i>Cyphomyia</i> | 26.25 |
| <i>aurinotata</i> Lindner, 1935, <i>Hermetia</i> | 26.37 |
| <i>aurivena</i> James, 1971, <i>Merosargus</i> | 26.11 |
| <i>australis</i> Aubertin, 1930, <i>Hylorus</i> | 26.3 |
| <i>australis</i> James, 1971, <i>Merosargus</i> | 26.11 |
| <i>azureus</i> (Enderlein), 1914 (<i>Coenosargus</i>), <i>Merosargus</i> | 26.11 |
| <i>bagosus</i> Walker, 1849, <i>Sargus</i> | 26.18 |
| <i>bahamensis</i> (James), 1953 (<i>Eulalia</i>), <i>Odontomyia</i> | 26.44 |
| <i>banksi</i> James, 1936, <i>Merosargus</i> | 26.11 |
| <i>banksi</i> James, 1949, <i>Cyphomyia</i> | 26.25 |
| <i>banksi</i> James, 1971, <i>Artemita</i> | 26.50 |
| <i>barbata</i> Lindner, 1935, <i>Chloromelas</i> | 26.40 |
| <i>barbatus</i> James, 1971, <i>Merosargus</i> | 26.11 |
| <i>Barbiellinia</i> Bezzi, 1922 | 26.1 |
| <i>barbiellinii</i> Bezzi, 1908, <i>Berismyia</i> | 26.5 |
| <i>basalis</i> James, 1971, <i>Merosargus</i> | 26.11 |
| <i>basalis</i> Kertész, 1914, <i>Nemotelus</i> | 26.48 |
| <i>Basentidema</i> Macquart, 1838 | 26.21 |
| <i>bassleri</i> James, 1943, <i>Leucoptilum</i> | 26.33 |
| <i>beameri</i> James, 1941, <i>Merosargus</i> | 26.11 |
| <i>beebei</i> Curran, 1934, <i>Hermetia</i> | 26.37 |
| <i>bellardii</i> Giglio-Tos, 1891, <i>Artemita</i> | 26.50 |
| <i>bellula</i> (Williston), 1888 (<i>Beris</i>), <i>Oplachantha</i> | 26.8 |
| <i>Benhamyia</i> Miller, 1945 | 26.4 |
| <i>bequaerti</i> Curran, 1925, <i>Acanthinomyia</i> | 26.49 |
| <i>bequaerti</i> Curran, 1928, <i>Merosargus</i> | 26.11 |
| <i>bequaerti</i> (Curran), 1932 (<i>Rhingiopsis</i>), <i>Zuercheria</i> | 26.46 |
| <i>bequaerti</i> James, 1938, <i>Cyphomyia</i> | 26.28 |
| <i>Beridinae</i> | 26.4 |
| <i>Beridops</i> Enderlein, 1913 | 26.5 |
| <i>Beris</i> Latreille, 1802 | 26.5 |
| <i>Berisargus</i> Lindner, 1933 | 26.47 |
| <i>Berismyia</i> Giglio-Tos, 1891 | 26.5 |
| <i>bezziana</i> Iide, 1966, <i>Chrysochlorina</i> | 26.35 |
| <i>bezzii</i> (Lindner), 1949 (<i>Antisops</i>), <i>Berismyia</i> | 26.5 |
| <i>bicarinata</i> Williston, 1900, <i>Cyphomyia</i> | 26.25 |
| <i>bicolor</i> Kertész, 1914, <i>Artemita</i> | 26.50 |
| <i>bicolor</i> (Wiedemann), 1830 (<i>Sargus</i>), <i>Microchrysa</i> | 26.16 |
| <i>bilimecki</i> , error, <i>Cynipimorpha</i> | 26.53 |
| <i>bilimeki</i> Brauer, 1882, <i>Cynipimorpha</i> | 26.53 |
| <i>bimaculata</i> Bellardi, 1862 (<i>Stratiomys</i>), <i>Hoplitimyia</i> | 26.42 |
| <i>bimaculata</i> Macquart, 1834, <i>Hermetia</i> | 26.36 |



| | |
|---|-------|
| <i>bipartita</i> , error, <i>Rhaphiocera</i> | 26.23 |
| <i>bipartita</i> Wulp, 1885, <i>Caenacantha</i> | 26.51 |
| <i>bispinosus</i> (Wiedemann), 1830 (<i>Sargus</i>), <i>Hoplistes</i> | 26.22 |
| <i>bistriatus</i> Williston, 1896, <i>Euparyphus</i> | 26.32 |
| <i>bitacnolatus</i> Lindner, 1949, <i>Merosargus</i> | 26.11 |
| <i>bituberculatus</i> Lindner, 1935, <i>Merosargus</i> , misidentified | 26.12 |
| <i>bituberculatus</i> Schiner, 1868, <i>Merosargus</i> | 26.20 |
| <i>bivittatus</i> James, 1971, <i>Merosargus</i> | 26.12 |
| <i>Blastocera</i> Gerstaecker, 1857 | 26.51 |
| <i>bonariensis</i> (Brèthes), 1922 (<i>Udamacantha</i>), <i>Labostigmina</i> | 26.42 |
| <i>Borboridea</i> Kertész, 1916 | 26.51 |
| <i>borgmeieri</i> Lindner, 1931, <i>Rhaphiocera</i> | 26.23 |
| <i>borgmeieri</i> (Lindner), 1933 (<i>Berisargus</i>), <i>Nothomyia</i> | 26.47 |
| <i>brachiatus</i> James, 1971, <i>Merosargus</i> | 26.12 |
| <i>Brachycara</i> Thomson, 1869 | 26.30 |
| <i>Brachyodina</i> Lindner, 1949 | 26.51 |
| <i>Brachythrix</i> McFadden, 1970 | 26.21 |
| <i>brasilliana</i> Lindner, 1935, <i>Glarlopsis</i> | 26.32 |
| <i>brasilliana</i> Lindner, 1949, <i>Neoberis</i> | 26.7 |
| <i>brasilliana</i> Lindner, 1964, <i>Artemita</i> | 26.50 |
| <i>brasillensis</i> Enderlein, 1921, <i>Archistratiomys</i> | 26.4 |
| <i>brasillensis</i> Lindner, 1949, <i>Euparyphus</i> | 26.32 |
| <i>brasillensis</i> Lindner, 1935, <i>Neochorisops</i> | 26.7 |
| <i>brasillensis</i> Wiedemann, 1830, <i>Sargus</i> | 26.18 |
| <i>braueri</i> Williston, 1888, <i>Myxosargus</i> | 26.46 |
| <i>brevicornis</i> Enderlein, 1921, <i>Nonacris</i> | 26.3 |
| <i>brevicornis</i> (Lindner), 1949 (<i>Xenomorpha</i>), <i>Chiromyza</i> | 26.2 |
| <i>brevicornis</i> Lindner, 1964, <i>Chorophthalmiella</i> | 26.52 |
| <i>brevifacies</i> (Macquart), 1855 (<i>Odontomyia</i>), <i>Hedriodiscus</i> | 26.40 |
| <i>brevifurca</i> James, 1943, <i>Dicranophora</i> | 26.21 |
| <i>brevis</i> James, 1940, <i>Cyphomyia</i> | 26.26 |
| <i>breviseta</i> Lindner, 1964, <i>Panacris</i> | 26.56 |
| <i>breviseta</i> Walker, 1854, <i>Acrochaeta</i> | 26.8 |
| <i>bruesi</i> Johnson, 1919, <i>Microchrysa</i> | 26.16 |
| <i>brunneipicta</i> James, 1953, <i>Chloromelas</i> | 26.40 |
| <i>brunneus</i> Lindner, 1933, <i>Merosargus</i> | 26.12 |
| <i>brunnipes</i> McFadden, 1971, <i>Merosargus</i> | 26.12 |
| <i>bucephala</i> (Gerstaecker), 1857 (<i>Odontomyia</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>bulbifrons</i> Williston, 1900, <i>Merosargus</i> | 26.12 |
| <i>burmeisteri</i> Lindner, 1949, <i>Cyphomyia</i> | 26.28 |
| <i>burmeisteri</i> Lindner, 1949, <i>Hermetia</i> | 26.37 |
| <i>c-nigrum</i> (Lindner), 1951 (<i>Pediceella</i>), <i>Merosargus</i> | 26.12 |
| <i>Cacosis</i> Walker, 1856 | 26.34 |
| <i>Cactobia</i> James, 1966 | 26.51 |
| <i>Caenacantha</i> Wulp, 1885 | 26.51 |
| <i>caerulescens</i> Schiner, 1868, <i>Beris</i> | 26.5 |
| <i>caesius</i> Bellardi, 1859, <i>Sargus</i> | 26.18 |
| <i>calceolatus</i> Bigot, 1879, <i>Merosargus</i> | 26.12 |
| <i>callifera</i> Lindner, 1928, <i>Hermetia</i> | 26.37 |
| <i>callosa</i> James, 1937, <i>Dieuryneura</i> | 26.31 |
| <i>callosa</i> James, 1967, <i>Psephiocera</i> | 26.58 |
| <i>Caloparyphus</i> James, 1939 | 26.30 |
| <i>caloptera</i> Osten Sacken, 1886, <i>Rhaphiocera</i> | 26.23 |



| | |
|---|-------|
| <i>calopus</i> Loew, 1869, <i>Nothomyia</i> | 26.47 |
| <i>carbonaria</i> (Bellardi), 1862 (<i>Chordonota</i>), <i>Laboccrina</i> | 26.29 |
| <i>carbonarius</i> Giglio-Tos, 1891, <i>Euparyphus</i> | 26.31 |
| <i>castanea</i> (Macquart), 1838 (<i>Chrysochlora</i>), <i>Chrysochlorina</i> | 26.35 |
| <i>catharistis</i> Lindner, 1926, <i>Nemotelus</i> | 26.48 |
| <i>catharistis</i> Lindner, 1930, <i>Nemotelus</i> | 26.48 |
| <i>cazieri</i> (James), 1953 (<i>Pachygaster</i>), <i>Peltina</i> | 26.57 |
| <i>Cephalochrysa</i> Kertész, 1912 | 26.9 |
| <i>centor</i> Curran, 1934, <i>Acanthinomyia</i> | 26.40 |
| <i>cercuceus</i> Williston, 1936, <i>Merosargus</i> | 26.12 |
| <i>ceria</i> Williston, 1900, <i>Hermetia</i> | 26.37 |
| <i>ceriogaster</i> Williston, 1888, <i>Hermetia</i> | 26.37 |
| <i>Chaetohermetia</i> Lindner, 1929 | 26.36 |
| <i>Chaetosargus</i> Roeder, 1894 | 26.34 |
| <i>Chalcidomorphina</i> Enderlein, 1914 | 26.51 |
| <i>Chalcomorphina</i> , error | 26.51 |
| <i>chalconota</i> (Brauer), 1882 (<i>Composoma</i>), <i>Acrochaeta</i> | 26.8 |
| <i>chalybea</i> (Wiedemann), 1924 (<i>Clitellaria</i>), <i>Cyphomyia</i> | 26.26 |
| <i>Charisina</i> Lindner, 1951 | 26.52 |
| <i>Chauna</i> Loew, 1847 | 26.56 |
| <i>chilensis</i> Lindner, 1943, <i>Nonacris</i> | 26.3 |
| <i>Chilota</i> Aubertin, 1930 | 26.5 |
| <i>chiquitanus</i> Lindner, 1930, <i>Meringostylus</i> | 26.33 |
| <i>chiriquina</i> Lindner, 1935, <i>Cyphomyia</i> | 26.25 |
| <i>Chiromyza</i> Authors | 26.1 |
| <i>Chiromyza</i> Wiedemann, 1820 | 26.2 |
| <i>Chiromyzinae</i> | 26.1 |
| <i>Chlamydonotum</i> Lindner, 1949 | 26.52 |
| <i>chloraspis</i> (Wiedemann), 1830 (<i>Stratiomys</i>), <i>Hedriodiscus</i> | 26.40 |
| <i>Chloromelas</i> Enderlein, 1914 | 26.40 |
| <i>chlorovittatus</i> McFadden, 1970, <i>Anisoscapus</i> | 26.20 |
| <i>Chordonota</i> Gerstaecker, 1857 | 26.24 |
| <i>Chorophthalmia</i> Lindner, 1964 | 26.52 |
| <i>Chorophthalmus</i> , error | 26.52 |
| <i>Chrysochlora</i> Authors | 26.34 |
| <i>Chrysochlorina</i> James, 1939 | 26.34 |
| <i>Chrysochlorinae</i> | 26.34 |
| <i>Chrysochroma</i> Authors | 26.9 |
| <i>chrysocomus</i> (James), 1941 (<i>Geosargus</i>), <i>Sargus</i> | 26.18 |
| <i>chrysodota</i> Perty, 1833, <i>Cyphomyia</i> | 26.26 |
| <i>Chrosonotomyia</i> Authors | 26.9 |
| <i>Chrysonotus</i> Authors | 26.9 |
| <i>chrysopila</i> Loew, 1872, <i>Hermetia</i> | 26.37 |
| <i>ciliatus</i> James, 1941, <i>Ptecticus</i> | 26.17 |
| <i>cincticornis</i> Enderlein, 1921, <i>Oplachantha</i> | 26.7 |
| <i>cinctus</i> Osten Sacken, 1886, <i>Euparyphus</i> | 26.32 |
| <i>cingulata</i> Greene, 1940, <i>Hermetia</i> | 26.37 |
| <i>cingulatus</i> Schiner, 1868, <i>Merosargus</i> | 26.12 |
| <i>circumcinctus</i> (James), 1941 (<i>Geosargus</i>), <i>Sargus</i> | 26.19 |
| <i>citrinellus</i> Lindner, 1949, <i>Merosargus</i> | 26.12 |
| <i>citrinus</i> James, 1971, <i>Merosargus</i> | 26.12 |
| <i>claripennis</i> Macquart, 1947, <i>Cyphomyia</i> | 26.26 |
| <i>Clarissa</i> Lindner, 1964 | 26.52 |
| <i>clavata</i> James, 1939, <i>Hoplitimyia</i> | 26.42 |



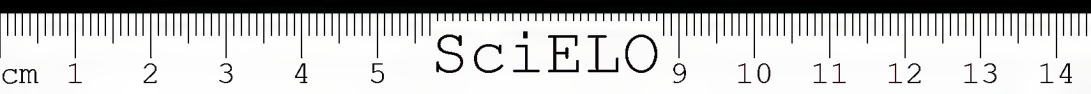
| | |
|---|-------|
| clavatus Walker, 1854, Sargus | 26.19 |
| claviventris Rondani, 1850, Sargus | 26.19 |
| <i>Clitellaria</i> Authors | 26.30 |
| Clitellariinae | 26.23 |
| Clitellariini | 26.29 |
| clypeata (Bigot), 1879 (Odontomyia), Labostigmina | 26.42 |
| coarctata Macquart, 1846, Hermetia | 26.37 |
| coarctatus Macquart, 1838, Sargus | 26.19 |
| coati Lindner, 1951 | 26.40 |
| <i>Coenosargus</i> Enderlein, 1914 | 26.10 |
| coerulea Macquart, 1834, Cyphomyia | 26.25 |
| coerulescens James, 1943, Basentidema | 26.21 |
| cognata (Lindner), 1949 (Pselomyia), Psephiocera | 26.58 |
| colombiana Kertész, 1916, Ligyromyia | 26.55 |
| columbianus Enderlein, 1914, Lysozus | 26.22 |
| comma (Williston), 1900 (?Odontomyia), Labostigmina | 26.42 |
| complicatus James, 1971, Merosargus | 26.12 |
| <i>Comptosoma</i> Brauer, 1882 | 26.8 |
| comstocki Williston, 1885, Hermetia | 26.37 |
| concinna Williston, 1900, Hermetia | 26.37 |
| concinna (Williston), 1900 (Odontomyia), Labostigmina | 26.42 |
| concinna Williston, 1900, Merosargus | 26.12 |
| concinna Osten Sacken, 1886, Sargus | 26.19 |
| concinna Williston, 1900, Plecticus | 26.17 |
| condor Lindner, 1951, Hermetia | 26.37 |
| confusa James, 1936, Odontomyia | 26.44 |
| congruens Kertész, 1914, Nematolus | 26.48 |
| conica Fabricius, 1805, Stratiomys | 26.45 |
| conjuncta James, 1967, Hermetia | 26.37 |
| connera, error, Stratiomys | 26.45 |
| conopsoides James, 1971, Merosargus | 26.12 |
| conopsoides Schiner, 1868, Plecticus | 26.17 |
| consona Lindner, 1964, Netrogramma | 26.56 |
| constricta Walker, 1860, Stratiomys | 26.45 |
| contigua James, 1967, Mycetocera | 26.56 |
| contortus James, 1971, Merosargus | 26.12 |
| contractus Walker, 1854, Sargus | 26.19 |
| convexa (Walker), 1854 (Acanthina), Artemita | 26.50 |
| convexa Wulp, 1881, Stratiomys | 26.45 |
| convexifrons McFadden, 1971, Merosargus | 26.12 |
| coprates (Walker), 1849 (Clitellaria), Cyphomyia | 26.26 |
| cordobaensis (Lindner), 1951 (Hedriodiscina), Chloromelas | 26.40 |
| coriaceus Giglio-Tos, 1891, Merosargus | 26.12 |
| cornithorax (Lindner), 1928 (Aerodesmia), Hermetia | 26.37 |
| cornuta Kraft & Cook, 1961, Zabrachia | 26.60 |
| Cosmariomyia Kertész, 1914 | 26.52 |
| costalimai Iide, 1967, Chrysoclorina | 26.35 |
| costalis Walker, 1837, Cyphomyia | 26.26 |
| coxalis Lindner, 1949, Merosargus | 26.12 |
| crabro Osten Sacken, 1886, Hermetia | 26.37 |
| cruciana Lindner, 1951, Rhabiocera | 26.23 |
| cruciata (Macquart), 1838 (Odontomyia), Labostigmina | 26.43 |
| cupraria Enderlein, 1914, Eumenogastrina | 26.9 |
| cuprina (Wiedemann), 1830 (Stratiomys), Chloromelas | 26.40 |

| | |
|--|-------|
| currani Iide, 1966, Chrysochlorina | 26.35 |
| currani (James), 1932 (Odontomyia), Hedriodiscus | 26.40 |
| currani Lindner, 1949, Hermetia | 26.38 |
| <i>Cyanauges</i> Philippi, 1865 | 26.24 |
| <i>Cyanauges</i> Rondani, 1863 | 26.24 |
| <i>cyanea</i> Macquart, 1834, Cyphomyia | 26.25 |
| <i>cyanea</i> (Fabricius), 1794 (Stratiomys), Cyphomyia | 26.26 |
| <i>cyancoscuteUatus</i> (Enderlein), 1914 (Aloipha), Merosargus | 26.12 |
| <i>cyanoccephala</i> Gerstaecker, 1857, Cyphomyia | 26.28 |
| <i>cyanifrons</i> (Rondani), 1848 (Sargus), Ptecticus | 26.17 |
| <i>cyanispinis</i> Bigot, 1875, Cyphomyia | 26.25 |
| <i>Cyclophleps</i> James, 1943 | 26.21 |
| <i>cylindricornis</i> Williston, 1888, Promeranisa | 26.45 |
| <i>Cyclotaspis</i> Lindner, 1864 | 26.52 |
| <i>Cynipimorpha</i> Brauer, 1882 | 26.53 |
| <i>Cynipomorpha</i> , emendation | 26.53 |
| Cyphomyia Wiedemann, 1819 | 26.25 |
| Cyphomyiini | 26.24 |
| <i>cyphomyioides</i> Kertész, 1909, Hypselophrum | 26.55 |
| <i>cyphomyioides</i> Lindner, 1933, Patagiomyia | 26.39 |
| <i>cyrtometopius</i> James, 1971, Merosargus | 26.12 |
| | |
| <i>Dactylacantha</i> Lindner, 1964 | 26.53 |
| <i>Dactylodeictes</i> Kertész, 1914 | 26.53 |
| <i>dampfii</i> James, 1941, Nemotelus | 26.48 |
| <i>decemmaculatus</i> (Osten Sacken), 1886 (?Euparyphus), Caloparyphus | 26.31 |
| <i>degenerata</i> Lindner, 1949, Aerochaeta | 26.8 |
| <i>dentatum</i> James, 1967, Chlamydonotum | 26.52 |
| <i>denticulata</i> (Enderlein), 1914 (Antissops), Berlismyia | 26.5 |
| <i>depressus</i> James, 1967, Dactylodeictes | 26.53 |
| <i>despectus</i> Walker, 1856 (Inopus) | 26.3 |
| <i>Diaphorostylus</i> Kertész, 1908 | 26.31 |
| <i>Diastrophthalmus</i> Lindner, 1949 | 26.53 |
| <i>dichroa</i> Kertész, 1916, Thopomyia | 26.59 |
| <i>dichroa</i> (Schiner), 1868 (Chrysonotus), Himantoloba | 26.10 |
| <i>Dicranophora</i> Macquart, 1834 | 26.21 |
| <i>Dicyphoma</i> James, 1937 | 26.29 |
| <i>dichli</i> Lindner, 1941, Nemotelus | 26.48 |
| <i>Dieuryncura</i> James, 1937 | 26.31 |
| <i>digitata</i> Lindner, 1964, Synaptochaeta | 26.59 |
| <i>digitata</i> James, 1966, Brachycara | 26.30 |
| <i>dileucostigma</i> McFadden, 1970, Brachythrux | 26.21 |
| <i>dimidiata</i> Lindner, 1949, Acrochaeta | 26.8 |
| <i>discolorata</i> James, 1936, Odontomyia | 26.44 |
| <i>disjunctus</i> Curran, 1925, Nemotelus | 26.48 |
| <i>dispar</i> Schiner, 1868, Cyphomyia | 26.26 |
| <i>dispar</i> Schiner, 1868, Microchrysa | 26.17 |
| <i>dissimilis</i> Bellardi, 1859, Odontomyia | 26.44 |
| <i>dissimilis</i> Giglio-Tos, 1891, Merosargus | 26.12 |
| <i>Ditylometopa</i> Kertész, 1923 | 26.31 |
| <i>diversicornis</i> Kertész, 1923, Acropeltates | 26.29 |
| <i>divisus</i> James, 1971, Merosargus | 26.12 |

| | |
|---|------------|
| <i>Dolichothrix</i> McFadden, 1970 | 26.21 |
| <i>dominicana</i> James, 1967, <i>Cyphomyia</i> | 26.26 |
| <i>dorsalis</i> (Fabricius), 1805 (<i>Stratiomys</i>), <i>Hedriodiscus</i> | 26.40 |
| <i>dorsalis</i> Lindner, 1969, <i>Merosargus</i> | 26.13 |
| <i>Drasteria</i> Brauer, 1882 | 26.34 |
| <i>Draymonia</i> Aubertin, 1932 | 26.5, 26.6 |
| <i>dubia</i> Brauer, 1882, <i>Melanochoa</i> | 26.46 |
| <i>dubia</i> Curran, 1932 (<i>Pelagomyia</i>), <i>Chrysochlorina</i> | 26.35 |
| <i>dubia</i> Röder, 1886, <i>Melanochoa</i> | 26.46 |
| <i>Ecechaetomyia</i> Lindner, 1949 | 26.52 |
| <i>echemon</i> Walker, 1849, <i>Aerochaeta</i> | 26.8 |
| <i>ecuadorensis</i> Enderlein, 1914, <i>Cyphomyia</i> | 26.26 |
| <i>ecuadorensis</i> James & McFadden, 1971, <i>Merosargus</i> | 26.14 |
| <i>ecuadorianus</i> Lindner, 1949, <i>Heptozus</i> | 26.21 |
| <i>Eleochealcidina</i> Lindner, 1964 | 26.53 |
| <i>Eldalimus</i> Kertész, 1914 | 26.54 |
| <i>eiseni</i> Townsend, 1895, <i>Hermetia</i> | 26.38 |
| <i>elatus</i> Curran, 1932, <i>Merosargus</i> | 26.13 |
| <i>elegans</i> Kertész, 1923, <i>Ditylometopa</i> | 26.31 |
| <i>elegans</i> (Macquart), 1838 (<i>Odontomyia</i>), <i>Labostigmia</i> | 26.43 |
| <i>elegans</i> Perty, 1833, <i>Aerochaeta</i> | 26.8 |
| <i>elegans</i> Schiner, 1868, <i>Aetna</i> | 26.4 |
| <i>elegans</i> (Wiedemann), 1830 (<i>Cyphomyia</i>), <i>Euparyphus</i> | 26.31 |
| <i>elegans</i> Williston, 1888, <i>Euryneura</i> | 26.32 |
| <i>elongata</i> Aubertin, 1930, <i>Macromeracis</i> | 26.6 |
| <i>elongata</i> (Wiedemann), 1824 (<i>Clitellaria</i>), <i>Acanthinomyia</i> | 26.49 |
| <i>elongatulus</i> Williston, 1900, <i>Euparyphus</i> | 26.31 |
| <i>elongatus</i> James, 1971, <i>Merosargus</i> | 26.13 |
| <i>emarginata</i> Macquart, 1838, <i>Odontomyia</i> | 26.44 |
| <i>enderleini</i> Lindner, 1926, <i>Rhingiopsis</i> | 26.45 |
| <i>enderleini</i> (Lindner), 1949 (<i>Xenomorpha</i>), <i>Chironmyza</i> | 26.2 |
| <i>engeli</i> (Lindner), 1943 (<i>Huttonella</i>), <i>Benhamyia</i> | 26.4 |
| <i>Engicrus</i> Lindner, 1964 | 26.54 |
| <i>erecta</i> McFadden, 1969, <i>Cyphomyia</i> | 26.26 |
| <i>erectispinis</i> Lindner, 1935, <i>Cyphomyia</i> | 26.26 |
| <i>ethelia</i> Curran, 1932, <i>Merosargus</i> | 26.13 |
| <i>cuchlorus</i> (Gerstaecker), 1857 (<i>Stratiomys</i>), <i>Hedriodiscus</i> | 26.40 |
| <i>Euclitellaria</i> Kertész, 1923 | 26.30 |
| <i>Eucynipimorpha</i> Malloch, 1915 | 26.54 |
| <i>Eulalia</i> Meigen, 1800 | 26.43 |
| <i>Eumenogastrina</i> Enderlein, 1914 | 26.9 |
| <i>eunomus</i> James, 1967, <i>Merosargus</i> | 26.13 |
| <i>Eupachygaster</i> Kertész, 1911 | 26.54 |
| <i>Euparyphus</i> , error or emendation | 26.31 |
| <i>Euparyphus</i> Gerstaecker, 1857 | 26.31 |
| <i>eupodata</i> (Bigot), 1879 (<i>Exaireta</i>), <i>Neoexaireta</i> | 26.7 |
| <i>Euryncura</i> Schiner, 1867 | 26.32 |
| <i>Euryneurasoma</i> Johnson, 1913 | 26.30 |
| <i>Exaereta</i> , emend. | 26.7 |
| <i>Exaeretina</i> Enderlein, 1921 | 26.6 |
| <i>Exaireta</i> Schiner, 1867 | 26.7 |
| <i>Exairete</i> , error | 26.7 |
| <i>Exodontha</i> Rondani, 1856 | 26.23 |



| | |
|--|-------|
| <i>falleni</i> (Perty), 1833 (Sargus), <i>Rhaphlocera</i> | 26.23 |
| <i>fasciata</i> (Fabrieius), 1787 (Stratiomys), <i>Hoplitimyia</i> | 26.42 |
| <i>fasciata</i> (Fabrieius), 1805 (Stratiomys), <i>Euryneura</i> | 26.32 |
| <i>fasciata</i> Kertész, 1914, <i>Neoacanthina</i> | 26.56 |
| <i>fasciata</i> Kertész, 1923, <i>Aeropeltates</i> | 26.29 |
| <i>fasciata</i> Macquart, 1834, <i>Odontomyia</i> | 26.44 |
| <i>fasciata</i> (Thomson), 1867 (Chrysochlora), <i>Chrysochlorina</i> | 26.35 |
| <i>fasciata</i> Wiedemann, 1830, <i>Aerochaeta</i> | 26.9 |
| <i>fasciatifrons</i> Lyneh Arribáizaga, 1881, <i>Nemotelus</i> | 26.48 |
| <i>fasciatipennis</i> (Lindner), 1935 (Berisargus), <i>Nothomyia</i> | 26.47 |
| <i>fasciatus</i> Brauer, 1882, <i>Myxosargus</i> | 26.46 |
| <i>fasciatus</i> Fabrieius, 1805, <i>Sargus</i> | 26.19 |
| <i>fascifrons</i> Macquart, 1849, <i>Odontomyia</i> | 26.44 |
| <i>fascipennis</i> (Fabrieius), 1805 (Stratiomys), <i>Euryneura</i> | 26.32 |
| <i>fascipennis</i> James, 1943, <i>Histiodroma</i> | 26.22 |
| <i>fascipennis</i> Lindner, 1949, <i>Rhaphlocera</i> | 26.23 |
| <i>fascipes</i> Walker, 1854, <i>Cyphomyia</i> | 26.26 |
| <i>fassli</i> Lindner, 1949, <i>Cyphomyia</i> | 26.26 |
| <i>femoralis</i> (Curran), 1929 (Chrysochlora), <i>Chrysochlorina</i> | 26.35 |
| <i>femoralis</i> Kertész, 1909, <i>Popanomyia</i> | 26.58 |
| <i>femorata</i> (Bellardi), 1859 (Odonthomyia), <i>Labostigmina</i> | 26.43 |
| <i>fenestrata</i> Gerstaecker, 1857, <i>Stratiomys</i> | 26.46 |
| <i>fenestrata</i> Macquart, 1846, <i>Cyphomyia</i> | 26.25 |
| <i>fenestrata</i> (Macquart), 1846 (Ephippium), <i>Adoxomyia</i> | 26.30 |
| <i>fenestrata</i> (Thomson), 1869 (Odontomyia), <i>Labostigmina</i> | 26.43 |
| <i>ferruginea</i> Enderlein, 1914, <i>Cyphomyia</i> | 26.26 |
| <i>ferruginea</i> (Gerstaecker), 1857 (Chauna), <i>Neochauna</i> | 26.56 |
| <i>festiva</i> (Walker), 1854 (Stratiomys), <i>Zuercheria</i> | 26.46 |
| <i>festivus</i> Williston, 1888, <i>Merosargus</i> | 26.13 |
| <i>ficulinus</i> Lindner, 1940, <i>Pteeticus</i> | 26.17 |
| <i>figlinus</i> Osten Sacken, 1886, <i>Pteeticus</i> | 26.17 |
| <i>filiformis</i> Giglio-Tos, 1891, <i>Sargus</i> | 26.18 |
| <i>fimbriata</i> (Lindner), 1931 (Aerodesmia), <i>Hermetia</i> | 26.38 |
| <i>flaveola</i> Bigot, 1879 (Histiodroma), <i>Aerochaeta</i> | 26.9 |
| <i>flavescens</i> (James), 1937 (Chrysochlora), <i>Chrysochlorina</i> | 26.35 |
| <i>flaviceps</i> Bigot, 1879, <i>Pteeticus</i> | 26.17 |
| <i>flaviceps</i> McFadden, 1971, <i>Merosargus</i> | 26.13 |
| <i>flavicornis</i> Johnson, 1894, <i>Nemotelus</i> | 26.48 |
| <i>flavicornis</i> Lindner, 1969, <i>Eldallmus</i> | 26.54 |
| <i>flavida</i> James, 1937, <i>Platopsomyia</i> | 26.34 |
| <i>flavifasciatus</i> (Macquart), 1849 (Odontomyia), <i>Hedrlodiscus</i> | 26.41 |
| <i>flavilatus</i> James, nom. nov., <i>Sargus</i> | 26.19 |
| <i>flavimana</i> Gerstaecker, 1857, <i>Cyphomyia</i> | 26.26 |
| <i>flavimanus</i> Lindner, 1949, <i>Diastrophthalmus</i> | 26.53 |
| <i>flavipennis</i> Enderlein, 1914, <i>Cyphomyia</i> | 26.26 |
| <i>flavipes</i> Enderlein, 1914, <i>Psephlocera</i> | 26.58 |
| <i>flavipes</i> James, 1967, <i>Manotes</i> | 26.55 |
| <i>flavipes</i> Kertész, 1908, <i>Diaphorostylus</i> | 26.31 |
| <i>flavipes</i> Lindner, 1933, <i>Hermetia</i> | 26.38 |
| <i>flavipes</i> Kertész, 1908 (Euryneura), <i>Meringostylus</i> | 26.33 |
| <i>flavipes</i> Wiedemann, 1830, <i>Hermetia</i> | 26.38 |
| <i>flavispinis</i> Macquart, 1855, <i>Cyphomyia</i> | 26.28 |
| <i>flavispinosa</i> Macquart, 1855, <i>Beris</i> | 26.5 |
| <i>flavissimus</i> James, 1971, <i>Merosargus</i> | 26.13 |
| <i>flavitaris</i> (Lindner), 1969 (Alopha), <i>Merosargus</i> | 26.13 |



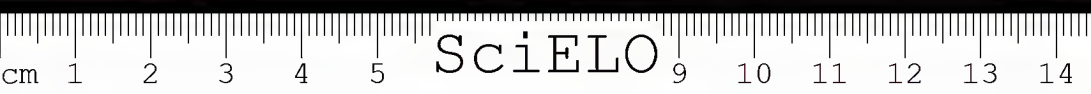
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|---|-------|
| <i>flavitaris</i> Enderlein, 1914 (<i>Lasiopa</i>) | 26.29 |
| <i>flaviventris</i> (Lindner), 1935 (<i>Chrysochroma</i>), <i>Himantoloba</i> | 26.10 |
| <i>flaviventris</i> Lindner, 1964, <i>Trigonocerina</i> | 26.59 |
| <i>flavocingulatus</i> Kertész, 1914, <i>Nemotelus</i> | 26.48 |
| <i>fiavonigra</i> (Lindner), 1928 (<i>Sargus</i>), <i>Himantoloba</i> | 26.10 |
| <i>flavopilosa</i> (Bigot), 1879 (<i>Chrysonotus</i>), <i>Himantoloba</i> | 26.10 |
| <i>flavoscutata</i> Bigot, 1879, <i>Hermetia</i> | 26.38 |
| <i>formica</i> Osten Sacken, 1886, <i>Hermetia</i> | 26.38 |
| <i>formicaeformis</i> Kertész, 1909, <i>Lyprotomyia</i> | 26.55 |
| <i>formosa</i> Enderlein, 1921, <i>Oplachantha</i> | 26.7 |
| <i>formosa</i> James, 1940, <i>Cyphomyia</i> | 26.26 |
| <i>foveifrons</i> Thomson, 1869, <i>Odontomyia</i> | 26.44 |
| <i>fratella</i> (Williston), 1900 (<i>Odontomyia</i>), <i>Labostigmina</i> | 26.43 |
| <i>fraternus</i> Bigot, 1879, <i>Merosargus</i> | 26.13 |
| <i>frontatus</i> Schiner, 1868, <i>Merosargus</i> | 26.13 |
| <i>frosti</i> James, 1939, <i>Chrysochlorina</i> | 26.35 |
| <i>frosti</i> James, 1941, <i>Merosargus</i> | 26.13 |
| <i>fuliginosa</i> Lindner, 1964, <i>Peltina</i> | 26.57 |
| <i>fuliginosa</i> Lindner, 1969, <i>Peltina</i> | 26.57 |
| <i>fulva</i> Walker, 1854, <i>Hermetia</i> | 26.38 |
| <i>fulvithorax</i> (Bigot), 1879 (<i>Chrysonotus</i>), <i>Himantoloba</i> | 26.10 |
| <i>fumipennis</i> James, 1971, <i>Merosargus</i> | 26.13 |
| <i>furcifera</i> (Wiedemann), 1824 (<i>Sargus</i>), <i>Dicranophora</i> | 26.21 |
| <i>fusca</i> Giglio-Tos, 1892, <i>Berismia</i> | 26.5 |
| <i>fuscana</i> Wiedemann, 1821, <i>Chiomyza</i> | 26.2 |
| <i>fuscipennis</i> Bellardi, 1862, <i>Chordonota</i> | 26.24 |
| <i>geminatus</i> James, 1971, <i>Merosargus</i> | 26.13 |
| <i>geniculata</i> Gerstaecker, 1857, <i>Cyphomyia</i> | 26.26 |
| <i>geniculata</i> Lindner, 1936, <i>Chordonota</i> | 26.24 |
| <i>geniculata</i> Macquart, 1855, <i>Hermetia</i> | 26.38 |
| <i>Geosargus</i> Bezzi, 1907 | 26.18 |
| <i>gerstaeckeri</i> (Bellardi), 1859 (<i>Stratiomys</i>), <i>Hoplitomyia</i> | 26.42 |
| <i>gigliotosi</i> McFadden, 1971, <i>Ptecticus</i> | 26.17 |
| <i>glaber</i> Loew, 1872, <i>Nemotelus</i> | 26.48 |
| <i>Glariopsis</i> Lindner, 1935 | 26.32 |
| <i>Glaris</i> Kertész, 1923 | 26.33 |
| <i>golbachii</i> James, 1953, <i>Cyphomyia</i> | 26.26 |
| <i>golbachii</i> James, 1967, <i>Eicochalcidina</i> | 26.53 |
| <i>golbachii</i> James, 1971, <i>Merosargus</i> | 26.13 |
| <i>goncalvesi</i> Albuquerque, 1955, <i>Hermetia</i> | 26.38 |
| <i>goniophora</i> Say, 1829, <i>Stratiomys</i> | 26.46 |
| <i>gorgona</i> Lindner, 1949, <i>Acrochaeta</i> | 26.9 |
| <i>gorgonea</i> Lindner, 1949, <i>Chloromelas</i> | 26.40 |
| <i>Gowdeyana</i> Curran, 1928 | 26.54 |
| <i>gowdeyi</i> Curran, 1928, <i>Merosargus</i> | 26.13 |
| <i>gracilicornis</i> Gerstaecker, 1857, <i>Cyphomyia</i> | 26.26 |
| <i>gracilior</i> James, 1971, <i>Merosargus</i> | 26.13 |
| <i>gracilis</i> James, 1936, <i>Monacanthella</i> | 26.33 |
| <i>gracilis</i> Kertész, 1923, <i>Grypomyia</i> | 26.33 |
| <i>gracilis</i> Williston, 1888, <i>Merosargus</i> | 26.13 |
| <i>grandis</i> Walker, 1856, <i>Cacosis</i> | 26.34 |
| <i>granulosus</i> James, 1971, <i>Merosargus</i> | 26.13 |
| <i>gryphus</i> Enderlein, 1914, <i>Myxosargus</i> | 26.47 |



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| <i>Grypomyia</i> Kertész, 1923 | 26.33 |
| <i>guatemalae</i> James, 1942, <i>Myxosargus</i> | 26.47 |
| <i>guerinii</i> Macquart, 1846, <i>Beris</i> | 26.5 |
| <i>guianae</i> (Lindner), 1949 (<i>Euiatia</i>), <i>Labostigmina</i> | 26.43 |
| <i>guianae</i> Lindner, 1949, <i>Pezodontina</i> | 26.22 |
| <i>Gyneuryptaria</i> Enderlein, 1914 | 26.25 |
| <i>Hadrestia</i> Thomson, 1869 | 26.6 |
| <i>halala</i> (Walker), 1849 (<i>Chitellaria</i>), <i>Artemita</i> | 26.50 |
| <i>hamifer</i> James, 1940, <i>Euparyphus</i> | 26.32 |
| <i>hansae</i> Lindner, 1931, <i>Rhaphiocera</i> | 26.23 |
| <i>hansoni</i> James, 1966, <i>Heptozus</i> | 26.22 |
| <i>hansoni</i> James, 1971, <i>Merosargus</i> | 26.13 |
| <i>haterius</i> Walker, 1849, <i>Acrochaeta</i> | 26.9 |
| <i>Hedriodiscina</i> Enderlein, 1914 | 26.40 |
| <i>Hedriodiscus</i> Enderlein, 1914 | 26.40 |
| <i>heivipennis</i> Enderlein, 1914, <i>Cyphomyia</i> | 26.26 |
| <i>Hemimcgaeis</i> Enderlein, 1921 | 26.6 |
| <i>hennigi</i> Lindner, 1969, <i>Pachyptilum</i> | 26.33 |
| <i>henshawi</i> (Malloch), 1917 (<i>Eupachygaster</i>), <i>Eidalimus</i> | 26.54 |
| <i>Heptozus</i> Lindner, 1949 | 26.21 |
| <i>Hermetia</i> Latreille, 1804 | 26.36 |
| <i>Hermetiinae</i> | 26.36 |
| <i>Heteracanthia</i> Macquart, 1849 | 26.6 |
| <i>heteroneura</i> (Macquart), 1838 (<i>Odontomyia</i>), <i>Chloromelas</i> | 26.40 |
| <i>Hexacraspis</i> Enderlein, 1914 | 26.54 |
| <i>hieroglyphica</i> (Wiedemann), 1830 (<i>Acanthina</i>), <i>Artemita</i> | 26.50 |
| <i>Himantoloba</i> McFadden, 1970 | 26.9 |
| <i>Himantomyia</i> James, 1939 | 26.42 |
| <i>hirta</i> Bezzi, 1922, <i>Barbiellinia</i> | 26.2 |
| <i>hirticornis</i> (Wiedemann), 1830 (<i>Sargus</i>), <i>Chactosargus</i> | 26.34 |
| <i>Histiudroma</i> Schiner, 1868 | 26.22 |
| <i>histris</i> (Walker), 1851 (<i>Odontomyia</i>), <i>Chloromelas</i> | 26.40 |
| <i>hoffmanni</i> Lindner, 1935, <i>Merosargus</i> | 26.13 |
| <i>Homalarthria</i> Lindner, 1933 | 26.33 |
| <i>Hoplacantha</i> , emend. | 26.7 |
| <i>Hoplistes</i> Macquart, 1834 | 26.22 |
| <i>hoplistes</i> (Wiedemann), 1830 (<i>Sargus</i>), <i>Rhaphiocera</i> | 26.23 |
| <i>Hoplitiniya</i> James, 1934 | 26.42 |
| <i>hortulana</i> (Wiedemann), 1830 (<i>Sargus</i>), <i>Basentidema</i> | 26.21 |
| <i>hortulanus</i> (Williston), 1900 (<i>Analocerus</i>), <i>Neanaicocerus</i> | 26.22 |
| <i>humilis</i> (Lindner), 1929 (<i>Hedriodiscina</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>hunteri</i> Coquillett, 1909, <i>Hermetia</i> | 26.38 |
| <i>Huttonella</i> Enderlein, 1921 | 26.4 |
| <i>hyacinthina</i> (Bigot), 1879 (<i>Exaireta</i>), <i>Neocxaereta</i> | 26.7 |
| <i>hyalina</i> James, 1967, <i>Manotes</i> | 26.55 |
| <i>hyalopterus</i> Giglio-Tos, 1891, <i>Merosargus</i> | 26.13 |
| <i>hybrida</i> Gerstaecker, 1857, <i>Cyphomyia</i> | 26.27 |
| <i>hydrolupus</i> Lindner, 1849 (<i>Hedriodiscina</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>Hylorops</i> Enderlein, 1921 | 26.2 |
| <i>Hylorus</i> Philippi, 1865 | 26.2 |
| <i>Hypoerina</i> Bigot, 1879 | 26.50 |
| <i>Hypselophrum</i> Kertész, 1909 | 26.55 |



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| <i>ieae</i> (Lindner), 1941 (<i>Eulalia</i>), <i>Odontomyia</i> | 26.44 |
| <i>illucens</i> James, 1967, <i>Pelagomyia</i> | 26.36 |
| <i>illucens</i> (Linnaeus), 1758 (<i>Musea</i>), <i>Hermetia</i> | 26.38 |
| <i>illuminatus</i> (Lindner), 1948 (<i>Gcosargus</i>), <i>Sargus</i> | 26.19 |
| <i>illustris</i> Schiner, 1868, <i>Pteticus</i> | 26.17 |
| <i>imitans</i> Curran, 1925, <i>Cyphomyia</i> | 26.27 |
| <i>impressa</i> James, 1967, <i>Hermetia</i> | 26.38 |
| <i>inaequalis</i> Loew, 1866, <i>Odontomyia</i> | 26.44 |
| <i>ineanus</i> James & McFadden, 1971, <i>Merosargus</i> | 26.14 |
| <i>incompleta</i> (Curran), 1929 (<i>Chrysoehlora</i>), <i>Chrysochlorina</i> | 26.35 |
| <i>inermis</i> (Wiedemann), 1830 (<i>Cyphomyia</i>), <i>Chordonota</i> | 26.24 |
| <i>inermis</i> (Wiedemann), 1830 (<i>Sargus</i>), <i>Histiodroma</i> | 26.22 |
| <i>inermis</i> (Wiedemann), 1830 (<i>Stratiomys</i>), <i>Labostigmina</i> | 26.43 |
| <i>infrapallidus</i> (Lindner), 1951 (<i>Hedriodiseina</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>inops</i> Lindner, 1949, <i>Pteticus</i> | 26.17 |
| <i>inornata</i> Lindner, 1964, <i>Cyclotaspis</i> | 26.52 |
| <i>inornata</i> (Williston), 1900 (<i>Aeanthina</i>), <i>Artemita</i> | 26.50 |
| <i>insularis</i> James, 1966, <i>Dactylodeictes</i> | 26.53 |
| <i>intensica</i> (Curran), 1928 (<i>Merosargus</i>), <i>Nothomyia</i> | 26.47 |
| <i>interrupta</i> Enderlein, 1921, <i>Mesomyza</i> | 26.3 |
| <i>interruptus</i> James, 1939, <i>Diaphorostylus</i> | 26.31 |
| <i>inversus</i> Curran, 1934, <i>Pteticus</i> | 26.17 |
| <i>irwini</i> James and McFadden, 1971, <i>Merosargus</i> | 26.13 |
| <i>Isosargus</i> James, 1935 | 26.9 |
| <i>italiensis</i> Lindner, nom. nov., <i>Hermetia</i> | 26.38 |
| <i>italiayensis</i> Lindner, 1928, <i>Arehistratiomys</i> | 26.4 |
| <i>iubata</i> Enderlein, 1921, <i>Oplachantha</i> | 26.8 |
| <i>jacarellus</i> (Lindner), 1949 (<i>Hedriodiseina</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>jamesi</i> Barretto, 1947, <i>Rhingiopsis</i> | 26.45 |
| <i>jamesi</i> Lindner, 1949, <i>Cyphomyia</i> | 26.27 |
| <i>jamesi</i> Lindner, 1964, <i>Tegocera</i> | 26.59 |
| <i>jamesi</i> (Lindner), 1969 (<i>Sargus</i>), <i>Himantoloba</i> | 26.10 |
| <i>jucundus</i> Walker, 1850, <i>Sargus</i> | 26.19 |
| <i>kansensis</i> , ssp. of | 26.48 |
| <i>kerteszi</i> Hide, 1968, <i>Euryneura</i> | 26.32 |
| <i>kertcszi</i> Szilády, 1929, <i>Aeropeltatcs</i> | 26.29 |
| <i>krausei</i> Philippi, 1865, <i>Hylorus</i> | 26.3 |
| <i>Labacerino</i> , error | 26.29 |
| <i>Labocerina</i> Enderlein, 1914 | 26.29 |
| <i>Labocerino</i> , error | 26.29 |
| <i>Labostigmina</i> Enderlein, 1930 | 26.42 |
| <i>laerimosus</i> James, 1971, <i>Merosargus</i> | 26.13 |
| <i>Lagarinus</i> Enderlein, 1913 | 26.3 |
| <i>Lagarus</i> Philippi, 1865 | 26.3 |
| <i>lampronotus</i> James, 1941, <i>Merosargus</i> | 26.13 |
| <i>lanei</i> Barretto, 1947, <i>Rhingiopsis</i> | 26.45 |
| <i>lanei</i> James, 1941, <i>Pteticus</i> | 26.17 |
| <i>laniger</i> James, 1971, <i>Merosargus</i> | 26.14 |
| <i>lanuginosa</i> Enderlein, 1921, <i>Oplachantha</i> | 26.8 |
| <i>lanuginosa</i> Gerstaecker, 1857, <i>Cyphomyia</i> | 26.26 |



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| <i>Lasiodeictes</i> Lindner, 1964 | 26.55 |
| <i>lasiophthalma</i> Williston, 1896, <i>Cyphomyia</i> | 26.27 |
| <i>lasiophthalma</i> Williston, 1900, <i>Cyphomyia</i> | 26.28 |
| <i>lateralis</i> (James), 1936 (<i>Isosargus</i>), <i>Sargus</i> | 26.19 |
| <i>lateralis</i> Macquart, 1934, <i>Sargus</i> | 26.19 |
| <i>lateromaculatus</i> James, 1971, <i>Merosargus</i> | 26.14 |
| <i>laticornis</i> James, 1967, <i>Meristocera</i> | 26.56 |
| <i>latifrons</i> Enderlein, 1921, <i>Oplachantha</i> | 26.8 |
| <i>latifrons</i> James, 1971, <i>Artemita</i> | 26.50 |
| <i>latifrons</i> (Williston), 1900 (<i>Chrysochroma</i>), <i>Microchrysa</i> | 26.17 |
| <i>latimanus</i> James, 1967, <i>Manotes</i> | 26.55 |
| <i>lativentris</i> Bellardi, 1859, <i>Hermetia</i> | 26.38 |
| <i>latus</i> Bellardi, 1859, <i>Sargus</i> | 26.19 |
| <i>lefeburei</i> Authors, <i>Hedriodiscus</i> | 26.41 |
| <i>lefebvrei</i> (Macquart), 1838 (<i>Odontomyia</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>leiophthalma</i> Williston, 1896, <i>Chordonota</i> | 26.24 |
| <i>leptiformis</i> (Macquart), 1838 (<i>Xenomorpha</i>), <i>Chiromyza</i> | 26.2 |
| <i>leucocephala</i> Hoffmansegg, 1819, <i>Cyphomyia</i> | 26.27 |
| <i>leucogaster</i> (James), 1933 (<i>Odontomyia</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>leucopa</i> (Linnaeus), 1767 (<i>Musca</i>), <i>Hermetia</i> | 26.38 |
| <i>leucopis</i> Wiedemann, 1830, <i>Stratiomys</i> | 26.46 |
| <i>Leucoptilum</i> James, 1943 | 26.33 |
| <i>liburna</i> Walker, 1849 (<i>Oxycera</i>) | 26.34 |
| <i>Ligyromyia</i> Kertész, 1916 | 26.55 |
| <i>limae</i> Guérin, 1830, <i>Odontomyia</i> | 26.44 |
| <i>limbata</i> Bigot, 1879, <i>Oplachantha</i> | 26.8 |
| <i>limbata</i> Lindner, 1949, <i>Rhaphiocera</i> | 26.23 |
| <i>limbatiiventris</i> Enderlein, 1921, <i>Allognosta</i> | 26.4 |
| <i>linearis</i> James, 1971, <i>Merosargus</i> | 26.14 |
| <i>linearis</i> Walker, 1854, <i>Sargus</i> | 26.19 |
| <i>lineata</i> (Enderlein), 1921 (<i>Chiromyza</i>), <i>Barbiellinia</i> | 26.2 |
| <i>lineatus</i> (Fabricius), 1805 (<i>Stratiomys</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>longa</i> (Wiedemann), 1830 (<i>Acanthina</i>), <i>Acanthinomyia</i> | 26.49 |
| <i>longicornis</i> Enderlein, 1921, <i>Nonacris</i> | 26.3 |
| <i>longicornis</i> Kertész, 1909, <i>Pedinoecera</i> | 26.57 |
| <i>longicornis</i> (Philippi), 1865 (<i>Beris</i>), <i>Macromeracis</i> | 26.6 |
| <i>longicornis</i> (Schiner), 1868 (<i>Exaireta</i>), <i>Neoxaireta</i> | 26.7 |
| <i>longicornis</i> (Walker), 1857 (<i>Acanthina</i>), <i>Cyphomyia</i> | 26.27 |
| <i>longicornis</i> (Williston), 1900 (<i>Campeprosopa</i>), <i>Analcoceroides</i> | 26.20 |
| <i>longifrons</i> Rondani, 1848, <i>Stratiomys</i> | 26.46 |
| <i>longipes</i> McFadden, 1971, <i>Merosargus</i> | 26.14 |
| <i>longiseta</i> Walker, 1854, <i>Aerochaeta</i> | 26.9 |
| <i>longisetosa</i> (Lindner), 1835 (<i>Berisargus</i>), <i>Nothomyia</i> | 26.47 |
| <i>longiventris</i> Enderlein, 1914, <i>Aerochaeta</i> | 26.9 |
| <i>lopesi</i> (Lindner), 1935 (<i>Berisargus</i>), <i>Nothomyia</i> | 26.47 |
| <i>lopesi</i> Lindner, 1964, <i>Dactylodeictes</i> | 26.53 |
| <i>Lophoteles</i> authors | 26.52 |
| <i>lucens</i> Loew, 1866, <i>Sargus</i> | 26.19 |
| <i>lucida</i> Gerstaecker, 1857, <i>Panaeris</i> | 26.56 |
| <i>lucidus</i> (Lindner), 1949 (<i>Geosargus</i>), <i>Sargus</i> | 26.19 |
| <i>luctifera</i> (Philippi), 1865 (<i>Beris</i>), <i>Archistratiomys</i> | 26.4 |
| <i>luederwaldti</i> (Enderlein), 1914 (<i>Aerodesmia</i>), <i>Hermetia</i> | 26.37 |
| <i>lunus</i> (Bigot), 1879 (? <i>Macrosargus</i>), <i>Sargus</i> | 26.19 |
| <i>luridus</i> Loew, 1855, <i>Merosargus</i> | 26.14 |



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| <i>luteiventris</i> (Philippi), 1865 (Beris), <i>Macromeracis</i> | 26.6 |
| <i>lutzi</i> Curran, 1932, <i>Merosargus</i> | 26.14 |
| <i>Lyprotomyia</i> Kertész, 1909 | 26.55 |
| <i>lyricus</i> James & McFadden, 1971, <i>Merosargus</i> | 26.14 |
| <i>Lysozus</i> Enderlein, 1914 | 28.22 |
| <i>maequartii</i> Perty, 1933, <i>Sargus</i> | 26.19 |
| <i>Macromeracis</i> Enderlein, 1921 | 26.6 |
| <i>macula</i> (Fabricius), 1805 (<i>Sargus</i>), <i>Microchrysa</i> | 26.17 |
| <i>maculata</i> (Fabricius), 1805 (<i>Stratiomys</i>), <i>Cyphomyia</i> | 26.27 |
| <i>maculata</i> Fabricius of Wiedemann part, 1830, <i>Cyphomyia</i> | 26.27 |
| <i>maculata</i> (James), 1953 (<i>Euryncurasoma</i>), <i>Brachycara</i> | 26.30 |
| <i>maculata</i> Lindner, 1949, <i>Microchrysa</i> | 26.17 |
| <i>maculatus</i> Kertész, 1914, <i>Nemotelus</i> | 26.48 |
| <i>maculatus</i> Lindner, 1933, <i>Abavus</i> | 26.29 |
| <i>maculatus</i> Williston, 1900, <i>Ptecticus</i> | 26.12 |
| <i>maculifrons</i> Enderlein, 1921, <i>Hemimegacis</i> | 26.6 |
| <i>maculifrons</i> (Walker), 1849 (<i>Odontomyia</i>), <i>Labostigmina</i> | 26.43 |
| <i>maculifrons</i> Wulp, 1888, <i>Odontomyia</i> | 26.44 |
| <i>maculipennis</i> (Blanchard), 1852 (Beris), <i>Beridops</i> | 26.5 |
| <i>maculiventris</i> (Rondani), 1850 (<i>Chrysochlora</i>), <i>Chrysochlorina</i> ... | 26.35 |
| <i>major</i> Lindner, 1964, <i>Engicerus</i> | 26.54 |
| <i>malachitis</i> Lindner, 1926, <i>Zuercheria</i> | 26.46 |
| <i>Manotes</i> Kertész, 1916 | 26.55 |
| <i>marginalis</i> Lindner, 1964, <i>Eicochaleidina</i> | 26.53 |
| <i>marginata</i> James, 1967, <i>Psephiocera</i> | 26.58 |
| <i>marginata</i> James, 1969, <i>Adoxomyia</i> | 26.30 |
| <i>marginata</i> Loew, 1866, <i>Cyphomyia</i> | 26.27 |
| <i>marmorata</i> (Gerstaecker), 1857 (<i>Aeanthina</i>), <i>Artemita</i> | 26.50 |
| <i>maxima</i> Kertész, 1908, <i>Panacris</i> | 26.57 |
| <i>megalopyge</i> James, 1971, <i>Merosargus</i> | 26.14 |
| <i>megaspis</i> Kertész, 1916, <i>Borboridea</i> | 26.51 |
| <i>melanderi</i> James & Wirth, 1967, <i>Hermetia</i> | 26.38 |
| <i>Melanochoa</i> Brauer, 1882 | 26.46 |
| <i>Melanochoa</i> Röder, 1886 | 26.46 |
| <i>melanopsis</i> Wiedemann, 1830, <i>Stratiomys</i> | 26.46 |
| <i>melanothorax</i> McFadden, 1970, <i>Dolichothrix</i> | 26.21 |
| <i>melanothorax</i> McFadden, 1971, <i>Merosargus</i> | 26.14 |
| <i>melleus</i> Rondani, 1848, <i>Sargus</i> | 26.19 |
| <i>Meringostylus</i> Kertész, 1908 | 26.33 |
| <i>Mcristocera</i> Lindner, 1964 | 26.55 |
| <i>Merosargus</i> Loew, 1855 | 26.10 |
| <i>Mesomyza</i> Enderlein, 1921 | 26.3 |
| <i>Mctabasis</i> Walker, 1856 | 26.43 |
| <i>metallica</i> Curran, 1934, <i>Aeanthinomyia</i> | 26.49 |
| <i>metallica</i> Kertész, 1914, <i>Proegmenomyia</i> | 26.58 |
| <i>metallica</i> (Wiedemann), 1830 (<i>Oxycera</i>), <i>Nothomyia</i> | 26.47 |
| <i>mctzi</i> Johnson, 1919, <i>Psephiocera</i> | 26.58 |
| <i>mexicana</i> (Bcllardi), 1859 (Beris), <i>Oplachantha</i> | 26.8 |
| <i>mexicana</i> Gigio-Tos, 1891, <i>Heteracanthia</i> | 26.6 |
| <i>mexicana</i> James, 1967, <i>Hermetia</i> | 26.37 |
| <i>mexicana</i> Johnson, 1895, <i>Odontomyia</i> | 26.44 |
| <i>mexicana</i> Kertész, 1908, <i>Euryneura</i> | 26.32 |
| <i>mexicana</i> Kertész, 1923, <i>Glaris</i> | 26.33 |



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| mexicana Lindner, 1949, <i>Acrochaeta</i> | 26.9 |
| micheneri James, 1950, <i>Adoxomyia</i> | 26.30 |
| microcephalum (Kraft & Cook), 1961 (<i>Zabrachia</i>), <i>Borboridea</i> ... | 26.51 |
| <i>Microchrysa</i> Loew, 1855 | 26.16 |
| microdonta Kertész, 1908, <i>Panacris</i> | 26.57 |
| <i>Microhadrestia</i> Lindner, 1943 .. | 26.7 |
| mimetica Kertész, 1916, <i>Pseudocyphomyia</i> | 26.58 |
| minacensis Lindner, 1931, <i>Rhaphiocera</i> | 26.23 |
| minor Brèthes, 1924, <i>Hadrestia</i> | 26.6 |
| minuta Lindner, 1943, <i>Microhadrestia</i> | 26.7 |
| minuta (Williston), 1900 (<i>Cynipimorpha</i>), <i>Eucynipimorpha</i> | 26.54 |
| mipartita Macquart, 1846, <i>Rhaphiocera</i> | 26.23 |
| mirabilis Curran, 1928, <i>Gowdeyana</i> | 26.54 |
| mirabilis James, 1971, <i>Merosargus</i> | 26.14 |
| mitis Curran, 1934, <i>Hermetia</i> | 26.38 |
| modesta (Lindner), 1949 (<i>Pyclomyia</i>), <i>Psephiocera</i> | 26.58 |
| modesta Philippi, 1865, <i>Beris</i> | 26.5 |
| <i>Monacanthella</i> James, 1936 | 26.33 |
| monensis Curran, 1928, <i>Nemotelus</i> | 26.48 |
| <i>mucens</i> , error, <i>Hermetia</i> | 26.38 |
| multicolor (Lindner), 1949 (<i>Geosargus</i>), <i>Sargus</i> | 26.19 |
| multisignatus Lindner, 1949, <i>Abavus</i> | 26.29 |
| mureicornis (Enderlein), 1921 (<i>Chitromyza</i>), <i>Barbiellinia</i> | 26.2 |
| mutabilis (Fabricius), 1787 (<i>Stratiomys</i>), <i>Hoplitimyia</i> | 26.42 |
| <i>Mycterocera</i> James, 1967 | 26.56 |
| <i>Myiocavia</i> Lindner, 1949 | 26.56 |
| <i>Myxosargini</i> | 26.46 |
| <i>Myxosargus</i> Brauer, 1882 | 26.46 |
| | |
| nana (Bellardi), 1862 (<i>Acanthina</i>), <i>Artemita</i> | 26.50 |
| nana James, 1953, <i>Stratiomyella</i> | 26.45 |
| nana Lindner, 1935, <i>Hermetia</i> | 26.39 |
| nasicus (Williston), 1888 (<i>Euryneura</i>), <i>Diaphorostylus</i> | 26.31 |
| nasuta Enderlein, 1926, <i>Rhingiopsis</i> | 26.45 |
| nasuta (Macquart), 1849 (<i>Stratiomyia</i>), <i>Promerania</i> | 26.45 |
| <i>Neanalcoecerus</i> James, 1943 | 26.22 |
| nebulifer James, 1941, <i>Ptecticus</i> | 26.18 |
| nebulifer James, 1971, <i>Merosargus</i> | 26.14 |
| neivai James, 1940, <i>Cyphomyia</i> | 26.27 |
| <i>Nemotelini</i> | 26.47 |
| <i>Nematotelus</i> , emend. | 26.47 |
| <i>Nemotelus</i> Geoffroy, 1762 | 26.47 |
| <i>Neocanthina</i> Kertész, 1914 | 26.56 |
| <i>Neoberis</i> Lindner, 1949 | 26.7 |
| <i>Neochauna</i> Williston, 1896 | 26.56 |
| <i>Neochorisops</i> Lindner, 1935 | 26.7 |
| <i>Neoceraeta</i> , emend. | 26.7 |
| <i>Neoceraeta</i> Osten Sacken, 1879 | 26.7 |
| <i>Neorondania</i> Osten Sacken, 1878 | 26.25 |
| neotropicus Curran, 1925, <i>Nemotelus</i> | 26.48 |
| <i>Netrogramma</i> Lindner, 1964 | 26.56 |
| neuquenensis Kertész, 1914, <i>Nemotelus</i> | 26.48 |
| <i>Neurota</i> Curran, 1931 | 26.30 |
| niger Bigot, 1879, <i>Nemotelus</i> | 26.48 |

| | |
|--|-------|
| <i>niger</i> Lindner, 1964, <i>Lasiodeictes</i> | 26.55 |
| <i>niger</i> (Wiedemann), 1830 (<i>Sargus</i>), <i>Cacosis</i> | 26.34 |
| <i>nigerrima</i> Lindner, 1949, <i>Oplachantha</i> | 26.8 |
| <i>nigra</i> Bezzi, 1922, <i>Chiromyza</i> | 26.2 |
| <i>nigra</i> James, 1942, <i>Nothomyia</i> | 26.47 |
| <i>nigra</i> Lindner, 1933, <i>Homaiarthria</i> | 26.33 |
| <i>nigra</i> Lindner, 1949, <i>Progrypomyia</i> | 26.34 |
| <i>nigra</i> Williston, 1888, <i>Chordonota</i> | 26.24 |
| <i>nigreradiatum</i> Lindner, 1949, <i>Chiamydonotum</i> | 26.52 |
| <i>nigribasis</i> James, 1971, <i>Merosargus</i> | 26.14 |
| <i>nigribasis</i> Lindner, 1949, <i>Panacris</i> | 26.57 |
| <i>nigricornis</i> Kertész, 1914, <i>Nemoteius</i> | 26.48 |
| <i>nigrifacies</i> Bigot, 1879, <i>Hermetia</i> | 26.38 |
| <i>nigrifemorata</i> (Macquart), 1847 (<i>Sargus</i>), <i>Himantoloba</i> | 26.10 |
| <i>nigrifrons</i> Enderlein, 1914, <i>Ptecticus</i> | 26.17 |
| <i>nigrimana</i> Lindner, 1949, <i>Strobliaspis</i> | 26.59 |
| <i>nigrina</i> Lindner, 1949, <i>Adoxomyia</i> | 26.30 |
| <i>nigrinus</i> Fallén, 1817, <i>Nemoteius</i> | 26.43 |
| <i>nigritarsis</i> Enderlein, 1914, <i>Cyphomyia</i> | 26.27 |
| <i>nigritibia</i> Enderlein, 1914, <i>Hermetia</i> | 26.38 |
| <i>nigriventris</i> Enderlein, 1921, <i>Nonacris</i> | 26.3 |
| <i>nigrobasalis</i> (Lindner), 1949 (<i>Borboridea</i>), <i>Manotes</i> | 26.55 |
| <i>nigrofemorata</i> Williston, 1900, <i>Berismyia</i> | 26.5 |
| <i>nigropygialis</i> Lindner, 1931, <i>Ptecticus</i> | 26.18 |
| <i>nigrovittata</i> Lindner, 1949, <i>Ecchatomyia</i> | 26.53 |
| <i>nitida</i> (Aubertin), 1930 (<i>Chilota</i>), <i>Draymonia</i> | 26.6 |
| <i>nitidiceps</i> Wulp, 1888, <i>Odontomyia</i> | 26.44 |
| <i>nitidipennis</i> Loew, 1855, <i>Ptecticus</i> | 26.18 |
| <i>niveoscula</i> Lindner, 1949, <i>Brachyodina</i> | 26.51 |
| <i>niveipenicillata</i> (Lindner), 1949 (<i>Adoxomyia</i>), <i>Leucoptilum</i> | 26.33 |
| <i>Nonacris</i> Walker, 1856 | 26.3 |
| <i>nordenholzi</i> (Lindner), 1943 (<i>Huttonella</i>), <i>Benhamyia</i> | 26.4 |
| <i>notatus</i> Wiedemann, 1930, <i>Sargus</i> | 26.19 |
| <i>notatus</i> Lindner, 1949, <i>Merosargus</i> | 26.14 |
| <i>Nothomyia</i> Loew, 1869 | 26.47 |
| <i>nova</i> Giglio-Tos, 1891, <i>Microchrysa</i> | 26.17 |
| <i>novaeetoniae</i> Lindner, 1949, <i>Actinomyia</i> | 26.4 |
| <i>nubilipennis</i> James, 1938, <i>Ptecticus</i> | 26.18 |
| <i>nubilipennis</i> James, 1939, <i>Cyphomyia</i> | 26.27 |
| <i>nucts</i> James, 1935, <i>Hermetia</i> | 26.39 |
| <i>nudifrons</i> James, 1953, <i>Hedriodiscus</i> | 26.41 |
| <i>nudus</i> Kertész, 1914, <i>Nemoteius</i> | 26.48 |
| <i>obesa</i> (Walker), 1860 (<i>Citellaria</i>), <i>Spaniomyia</i> | 26.59 |
| <i>obscura</i> (Coquillett), 1902 (<i>Aochietus</i>), <i>Dieuryneura</i> | 26.31 |
| <i>obscura</i> (Jaenicke), 1867 (<i>Rondania</i>), <i>Cyphomyia</i> | 26.27 |
| <i>obscurus</i> (Wiedemann), 1830 (<i>Sargus</i>), <i>Merosargus</i> | 26.14 |
| <i>obtusipennis</i> (Lindner), 1949 (<i>Coenosargus</i>), <i>Merosargus</i> | 26.14 |
| <i>ochracea</i> Giglio-Tos, 1891, <i>Cyphomyia</i> | 26.27 |
| <i>ochracea</i> Wiedemann, 1820, <i>Chiromyza</i> | 26.2 |
| <i>ochraceus</i> McFadden, 1970, <i>Anisoscopus</i> | 26.20 |
| <i>Odonthomyia</i> , emendation | 26.43 |
| <i>Odontomyia</i> Meigen, 1803 | 26.43 |
| <i>opaliger</i> Lindner, 1931, <i>Merosargus</i> | 26.14 |

| | |
|---|-------|
| <i>Oplacantha</i> , emendation | 26.7 |
| <i>Oplachantha</i> Rondani, 1863 | 26.7 |
| <i>opulentus</i> Walker, 1854, <i>Sargus</i> | 26.19 |
| <i>opuntiae</i> James, 1966, <i>Cactobla</i> | 26.51 |
| <i>orbitalis</i> James, 1943, <i>Analcocerus</i> | 26.20 |
| <i>orizabae</i> Giglio-Tos, 1891, <i>Merosargus</i> | 26.14 |
| <i>ornata</i> (Macquart), 1846 (<i>Acanthina</i>), <i>Artemita</i> | 26.50 |
| <i>ornata</i> Macquart, 1846, <i>Rhaphiocera</i> | 26.23 |
| <i>ornata</i> Walker, 1850, <i>Cyphomyia</i> | 26.27 |
| <i>pachycephala</i> Schlner, 1868, <i>Odontomyia</i> | 26.44 |
| <i>pachycephs</i> Bigot, 1879, <i>Odontomyia</i> | 26.44 |
| <i>Pachygaster</i> Meigen, 1803 | 26.56 |
| <i>Pachygastrinae</i> | 26.49 |
| <i>Pachyptilum</i> Lindner, 1969 | 26.33 |
| <i>pallidipennis</i> (Williston), 1900 (<i>Lophoteles</i>), <i>Cosmariomyia</i> | 26.52 |
| <i>pallidiventris</i> (Macquart), 1846 (<i>Odontomyia</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>pallidus</i> McFadden, 1971, <i>Merosargus</i> | 26.14 |
| <i>pallifrons</i> Curran, 1932, <i>Merosargus</i> | 26.14 |
| <i>pallipes</i> Fabricius, 1781, <i>Stratiomys</i> | 26.46 |
| <i>pallipes</i> Lindner, 1951, <i>Chlamydonotum</i> | 26.52 |
| <i>pallipes</i> Lindner, 1964, <i>Clarissa</i> | 26.52 |
| <i>pampinus</i> (Osten Sacken), 1886 (<i>Rhaphiocera</i>), <i>Phanerozus</i> | 26.22 |
| <i>Panaeris</i> Gerstaecker, 1857 | 26.56 |
| <i>panamensis</i> Curran, 1929, <i>Myxosargus</i> | 26.47 |
| <i>panamensis</i> Greene, 1940, <i>Hermetia</i> | 26.39 |
| <i>panamensis</i> McFadden, 1971, <i>Merosargus</i> | 26.14 |
| <i>par</i> Curran, 1932, <i>Merosargus</i> | 26.14 |
| <i>Paracanthinomyia</i> Lindner, 1964 | 26.57 |
| <i>paradoxa</i> (Enderlein), 1913 (<i>Lagarinus</i>), <i>Tana</i> | 26.3 |
| <i>Parahermetia</i> Lindner, 1928 | 26.34 |
| <i>Parantissa</i> Enderlein, 1914 | 26.24 |
| <i>Pareidallmus</i> Lindner, 1964 | 26.57 |
| <i>partitifrons</i> Enderlein, 1921, <i>Nonaeris</i> | 26.3 |
| <i>parvicornis</i> (Enderlein), 1921 (<i>Chiromyza</i>), <i>Barbiellinia</i> | 26.2 |
| <i>parvicornis</i> James, 1939, <i>Nothomyia</i> | 26.47 |
| <i>Patagiomyia</i> Lindner, 1933 | 26.39 |
| <i>paulseni</i> (Philippi), 1865 (<i>Cyclogaster</i>), <i>Abasanistus</i> | 26.24 |
| <i>paulseni</i> (Philippi), 1865 (<i>Lagarus</i>), <i>Tana</i> | 26.3 |
| <i>Pedicellina</i> James, 1952 | 26.18 |
| <i>Pedinocera</i> Kertész, 1909 | 26.57 |
| <i>Pelagomyia</i> Williston, 1896 | 26.36 |
| <i>pellucens</i> Macquart, 1834, <i>Hermetia</i> | 26.38 |
| <i>pellucida</i> Rondani, 1848, <i>Stratiomys</i> | 26.46 |
| <i>Peltina</i> Lindner, 1964 | 26.57 |
| <i>Peltina</i> Lindner, 1969 | 26.57 |
| <i>penai</i> James, 1971, <i>Merosargus</i> | 26.15 |
| <i>peruana</i> Enderlein, 1921, <i>Oplachantha</i> | 26.8 |
| <i>peruana</i> Kertész, 1908, <i>Eurynceura</i> | 26.32 |
| <i>peruana</i> Lindner, 1933, <i>Cyphomyia</i> | 26.28 |
| <i>peruviana</i> Kertész, 1914, <i>Artemita</i> | 26.51 |
| <i>peruviana</i> Macquart, 1855, <i>Odontomyia</i> | 26.44 |
| <i>peruvianus</i> James, 1971, <i>Merosargus</i> | 26.15 |
| <i>peruvianus</i> Kertész, 1914, <i>Nemotelus</i> | 26.48 |

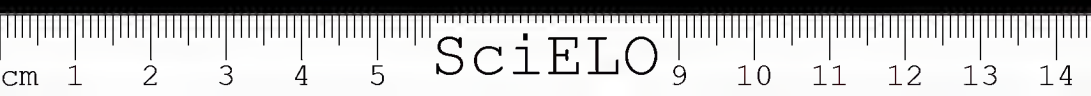


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|---|-------|
| peruvianus Lindner, 1941, Euparyphus | 26.32 |
| petiolatus (Macquart), 1838 (Sargus), Merosargus | 26.15 |
| Pezodontina Lindner, 1949 | 26.22 |
| Phanerozus James, 1966 | 26.22 |
| philippii (Bigot), 1879 (Exaireta), Archistratiomys | 26.4 |
| philippii Enderlein, 1921, Hylorops | 26.2 |
| philippii (Rondani), 1863 (Beris), Neoexaireta | 26.7 |
| picta (Brauer), 1882 (Compososoma), Acrochaeta | 26.9 |
| picta Macquart, 1834, Sticranophora | 26.21 |
| picta Schiner, 1868, Cyphomyia | 26.27 |
| picta Wulp, 1879, Rhaphiocera | 26.23 |
| pictipennis Kertész, 1908, Panacris | 26.57 |
| pictipes James, 1971, Merosargus | 26.15 |
| pictithorax Curran, 1933, Merosargus | 26.15 |
| pilosissima Gerstaecker, 1857, Cyphomyia | 26.27 |
| pilosus James, 1942, Myxosargus | 26.47 |
| pinguis Walker, 1860, Stratiomys | 26.45 |
| plana (Brauer), 1882 (Compososoma), Acrochaeta | 26.9 |
| plana Kertész, 1916, Manotcs | 26.55 |
| plana (Walker), 1936 (Acanthina), Acanthinomyia | 26.49 |
| planus James, 1967, Chaleidomorphina | 26.51 |
| planifrons James, 1939, Cyphomyia | 26.27 |
| planifrons Macquart, 1846, Hermetia | 26.37 |
| Platopsomyia James, 1937 | 26.34 |
| Platylobium Lindner, 1933 | 26.58 |
| plaumanni James, 1943, Leucoptilum | 26.33 |
| plaumanni Lindner, 1949, Neochorisops | 26.7 |
| plaumanni Lindner, 1964, Dactylacantha | 26.53 |
| <i>Plecticus</i> , error | 26.17 |
| pleuralis James, 1949, Hoplistes | 26.22 |
| pleuriticus Loew, 1866, Sargus | 26.19 |
| plumula Authors (Lophoteles), Cosmariomyia | 26.52 |
| pluricolor (Bigot), 1879 (Chrysochlora), Chrysochlorina | 26.35 |
| podexargenteus Enderlein, 1914, Artemita | 26.51 |
| polypoosus Say, 1829, Nemotelus | 26.48 |
| pomaceus Loew, 1855, Ptecticus | 26.18 |
| pomaceus Wiedemann of Macquart, 1834, Rhaphiocera | 26.23 |
| Popanomyia Kertész, 1909 | 26.58 |
| porcata (Walker), 1857 (Acanthina), Artemita | 26.50 |
| prasina (Jaenicke), 1867 (Odontomyia), Hedriodiscus | 26.41 |
| princeps Gerstaecker, 1857, Stratiomys | 26.46 |
| priscus Enderlein, 1914, Abavus | 26.29 |
| productus James, 1971, Merosargus | 26.15 |
| Proegmenomyia Kertész, 1914 | 26.58 |
| <i>Proegnemomyia</i> , error | 26.58 |
| Progympomyia Lindner, 1949 | 26.34 |
| Promerania Walker, 1854 | 26.45 |
| propinqua Schiner, 1868, Euryneura | 26.32 |
| protrudens (James), 1939 (Udamacantha), Labostigmina | 26.43 |
| proxima Kertész, 1908, Panacris | 26.57 |
| <i>Pseptomoma</i> Enderlein, 1919 | 26.50 |
| Psephiocera Enderlein, 1914 | 26.58 |
| Pseudocyphomyia Kertész, 1916 | 26.58 |
| pseudolyricus James, 1971, Merosargus | 26.15 |



| | |
|---|-------|
| <i>ptecticoides</i> Lindner, 1928, <i>Trichocereocera</i> | 26.36 |
| <i>Pteeticus</i> Loew, 1855 | 26.17 |
| <i>pteroausta</i> Osten Sacken, 1886, <i>Hermetia</i> | 26.39 |
| <i>pulehella</i> Gerstaecker, 1857, <i>Cyphomyia</i> | 26.27 |
| <i>pulehella</i> James, 1936, <i>Acanthomyia</i> | 26.50 |
| <i>pulehella</i> Williston, 1888, <i>Oplachantha</i> | 26.8 |
| <i>puleher</i> James, 1971, <i>Merosargus</i> | 26.15 |
| <i>puleher</i> (Wiedemann), 1824 (<i>Stratiomys</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>pulehra</i> Wiedemann, 1830, <i>Hermetia</i> | 26.39 |
| <i>pulehra</i> (Williston), 1900 (<i>Chrysochlora</i>), <i>Chrysochlorina</i> | 26.35 |
| <i>pulehra</i> (Williston), 1900 (<i>Chrysochroma</i>), <i>Himantoloba</i> | 26.10 |
| <i>pulehripennis</i> (Brauer), 1882 (<i>Artemita</i>), <i>Spaniomyia</i> | 26.59 |
| <i>punctifer</i> Lindner, <i>Pareidalimus</i> | 26.57 |
| <i>purpurea</i> (Walker), 1860 (<i>Chrysochlora</i>), <i>Chrysochlorina</i> | 26.35 |
| <i>pustulosa</i> James, 1938, <i>Zuereherla</i> | 26.46 |
| <i>Pyelomyia</i> Kertész, 1916 | 26.54 |
| <i>pygmaea</i> (Bellardi), 1862 (<i>Clitellaria</i>), <i>Euryneura</i> | 26.32 |
| <i>quadratus</i> James, 1971, <i>Merosargus</i> | 26.15 |
| <i>quadrifasciatus</i> Lindner, 1941, <i>Merosargus</i> | 26.15 |
| <i>quadrilincata</i> (Bigot), 1887 (<i>Chrysochlora</i>), <i>Chrysochlorina</i> | 26.35 |
| <i>quadrilineatus</i> (Macquart), 1834 (<i>Odontomyia</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>quadrimaeculata</i> (Bellardi), 1859 (<i>Odonthomyia</i>), <i>Labostigmina</i> .. | 26.43 |
| <i>regularis</i> Curran, 1929, <i>Cyphomyia</i> | 26.27 |
| <i>regularis</i> James, 1969, <i>Adoxomyia</i> | 26.30 |
| <i>reinhardi</i> James, 1935, <i>Hermetia</i> | 26.39 |
| <i>reinhardi</i> , error, <i>Hermetia</i> | 26.39 |
| <i>relicta</i> Osten Sacken, 1886, <i>Hermetia</i> | 26.39 |
| <i>rettenmeyer</i> James, 1966, <i>Phanerozus</i> | 26.22 |
| <i>Rhaphiocera</i> Macquart, 1934 | 26.23 |
| <i>Rhaphiocerinae</i> | 26.20 |
| <i>Rhingiopsis</i> Röder, 1886 | 26.45 |
| <i>robusta</i> Kertész, 1908, <i>Euryneura</i> | 26.32 |
| <i>robustus</i> Brauer, 1882, <i>Chaetosargus</i> | 26.34 |
| <i>robustus</i> McFadden, 1971, <i>Merosargus</i> | 26.15 |
| <i>roedingeri</i> Lindner, 1941, <i>Nemotelus</i> | 26.49 |
| <i>Rondania</i> Jaenicke, 1867 | 26.25 |
| <i>rossi</i> James, 1971, <i>Merosargus</i> | 26.15 |
| <i>rostrata</i> (Wiedemann), 1830 (<i>Stratiomys</i>), <i>Rhingiopsis</i> | 26.45 |
| <i>rostratus</i> Walker, 1856, <i>Metabasis</i> | 26.43 |
| <i>rotundatus</i> Curran, 1932, <i>Merosargus</i> | 26.15 |
| <i>rubra</i> Loew, 1866, <i>Cyphomyia</i> | 26.27 |
| <i>rubriceps</i> (Philippi), 1865 (<i>Cyclogaster</i>), <i>Abasanistus</i> | 26.24 |
| <i>rubricornis</i> Kertész, 1923, <i>Abasanistus</i> | 26.24 |
| <i>rubricornis</i> (Macquart), 1846 (<i>Odontomyia</i>), <i>Lagostigmina</i> | 26.43 |
| <i>rufibasis</i> (Bigot), 1879 (<i>Macrosargus</i>), <i>Sargus</i> | 26.19 |
| <i>ruficornis</i> Bigot, 1879, <i>Nemotelus</i> | 26.49 |
| <i>ruficornis</i> Macquart, 1849, <i>Heteracanthia</i> | 26.6 |
| <i>ruficornis</i> (Schiner), 1868 (<i>Cyanauges</i>), <i>Antissa</i> | 26.24 |
| <i>rufifrons</i> Curran, 1934, <i>Euryneura</i> | 26.32 |
| <i>rufipalpis</i> Wiedemann, 1830 (<i>Xylophagus</i>), <i>Archistratiomys</i> | 26.4 |
| <i>rufipes</i> Loew, 1866, <i>Odontomyia</i> | 26.44 |
| <i>rufitarsis</i> Macquart, 1846, <i>Hermetia</i> | 26.39 |
| <i>rufiventris</i> Fabricius, 1805, <i>Hermetia</i> | 26.38 |

| | |
|---|-------|
| <i>rufoabdominalis</i> Cole, 1923, <i>Nemotelus</i> | 26.49 |
| <i>rugosus</i> James, 1941, <i>Nemotelus</i> | 26.49 |
| <i>ryckmani</i> James, 1962, <i>Dicyphoma</i> | 26.29 |
| <i>ryckmani</i> James, 1965, <i>Parcidalinus</i> | 26.57 |
| <i>sackenii</i> Williston, 1885, <i>Ptecticus</i> | 26.18 |
| <i>sallei</i> Bellardi, 1859, <i>Sargus</i> | 26.19 |
| <i>sanctipauli</i> Lindner, 1931, <i>Rhaphiocera</i> | 26.23 |
| <i>saphireus</i> Bigot, 1887, <i>Sargus</i> | 26.20 |
| <i>sapphireus</i> , error or emendation, <i>Sargus</i> | 26.20 |
| <i>Sarginae</i> | 26.8 |
| <i>Sargus</i> Fabricius, 1798 | 26.18 |
| <i>scalaris</i> Bigot, 1875, <i>Cyphomyia</i> | 26.27 |
| <i>schaefferi</i> (Coquillett), 1904 (<i>Cyphomyia</i>), <i>Dicyphoma</i> | 26.29 |
| <i>schildi</i> James, 1971, <i>Merosargus</i> | 26.15 |
| <i>schineri</i> Kertész, 1908, <i>Meringostylus</i> | 26.33 |
| <i>schmusei</i> Kertész, 1909, <i>Vittiger</i> | 26.59 |
| <i>schwarzi</i> Curran, 1928, <i>Sargus</i> | 26.19 |
| <i>schwarzi</i> James, 1940, <i>Cyphomyia</i> | 26.28 |
| <i>scrobiculus</i> McFadden, 1971, <i>Merosargus</i> | 26.15 |
| <i>scutellaris</i> Enderlein, 1921, <i>Nonaeris</i> | 26.3 |
| <i>scutellaris</i> (Walker), 1854 (<i>Clitellaria</i>) | 26.60 |
| <i>scutellata</i> Cresson, 1919, <i>Cyphomyia</i> | 26.27 |
| <i>scutellata</i> Loew, 1869, <i>Nothomyia</i> | 26.47 |
| <i>scutellata</i> Macquart, 1834, <i>Hermetia</i> | 26.39 |
| <i>scutellatus</i> Williston, 1900, <i>Myxosargus</i> | 26.47 |
| <i>secundus</i> (Albuquerque), 1955 (<i>Parahermetia</i>), <i>Chaetosargus</i> | 26.34 |
| <i>seitzii</i> (Lindner), 1928 (<i>Parahermetia</i>), <i>Chaetosargus</i> | 26.34 |
| <i>semiluna</i> James, 1939, <i>Hoplitimya</i> | 26.42 |
| <i>sericea</i> Enderlein, 1921, <i>Mesomyza</i> | 26.3 |
| <i>sericeiventris</i> (Rondani), 1848 (<i>Stratiomys</i>), <i>Hoplitimya</i> | 26.42 |
| <i>setigera</i> James, 1938, <i>Hermetia</i> | 26.38 |
| <i>sexmaculata</i> Macquart, 1934, <i>Hermetia</i> | 26.39 |
| <i>sexmaculatus</i> McFadden, 1971, <i>Merosargus</i> | 26.15 |
| <i>sexnotatus</i> James, 1941, <i>Merosargus</i> | 26.15 |
| <i>sexspinosa</i> (Macquart), 1846 (<i>Diphysa</i>), <i>Hexacraspis</i> | 26.54 |
| <i>shannoni</i> James, 1939, <i>Cyphomyia</i> | 26.28 |
| <i>signatipes</i> Kertész, 1908, <i>Diaphorostylus</i> | 26.31 |
| <i>similis</i> Bellardi, 1859, <i>Cyphomyia</i> | 26.28 |
| <i>similis</i> Enderlein, 1921, <i>Oplachantha</i> | 26.8 |
| <i>similis</i> (Macquart), 1855 (<i>Chrysochlora</i>), <i>Chrysochlorina</i> | 26.35 |
| <i>simplex</i> Walker, 1860, <i>Cyphomyia</i> | 26.28 |
| <i>singularis</i> Macquart, 1846, <i>Nemotelus</i> | 26.49 |
| <i>slossonae</i> (Johnson), 1913 (<i>Euryneurasoma</i>), <i>Brachycara</i> | 26.30 |
| <i>smaragdiferus</i> (Bigot), 1879 (<i>Maerosargus</i>), <i>Merosargus</i> | 26.15 |
| <i>sordidus</i> Kertész, 1914, <i>Nemotelus</i> | 26.49 |
| <i>soror</i> Lindner, 1964, <i>Spaniomyia</i> | 26.59 |
| <i>souzalopesi</i> Iide, 1967, <i>Cyphomyia</i> | 26.28 |
| <i>Spaniomyia</i> Kertész, 1914 | 26.58 |
| <i>spatulatus</i> Williston, 1900, <i>Merosargus</i> | 26.15 |
| <i>speciosa</i> Gerstaecker, 1857, <i>Blastocera</i> | 26.51 |
| <i>speciosa</i> Lindner, 1915, <i>Cyphomyia</i> | 26.28 |
| <i>speciosus</i> Macquart, 1846, <i>Sargus</i> | 26.20 |



| | |
|--|-------|
| <i>sphecodes</i> Curran, 1934, <i>Hermetia</i> | 26.39 |
| <i>splendens</i> Bigot, 1879, <i>Sargus</i> | 26.20 |
| <i>splendens</i> (Schiner), 1868 (<i>Chrysonotus</i>), <i>Himantoloba</i> | 26.10 |
| <i>Spyridopa</i> Gerstaecker, 1857 | 26.59 |
| <i>Spyridota</i> , error | 26.59 |
| <i>Spyripoda</i> , error | 26.59 |
| <i>stamineus</i> (Fabricius), 1805 (<i>Seacva</i>), <i>Merosargus</i> | 26.15 |
| <i>stieglmayeri</i> Lindner, 1931, <i>Rhaphiocera</i> | 26.23 |
| <i>stigma</i> (Giglio-Tos), 1891 (<i>Clitellaria</i>), <i>Dieuryneura</i> | 26.31 |
| <i>stigmaticus</i> (Lindner), 1949 (<i>Aloiphina</i>), <i>Merosargus</i> | 26.15 |
| <i>stoichoides</i> James, 1965, <i>Zabrachia</i> | 26.60 |
| <i>stratiomyaeformis</i> Lindner, 1935, <i>Zuereheria</i> | 26.46 |
| <i>Stratiomyia</i> , emendation | 26.45 |
| <i>Stratiomyella</i> James, 1953 | 26.45 |
| <i>Stratiomyinae</i> | 26.39 |
| <i>Stratiomyini</i> | 26.39 |
| <i>Stratiomys</i> Geoffroy, 1762 | 26.45 |
| <i>Strobilaspis</i> Lindner, 1949 | 26.59 |
| <i>styleornis</i> (Enderlein), 1921 (<i>Xenomorpha</i>), <i>Chiromyza</i> | 26.2 |
| <i>subalba</i> (Walker), 1854 (<i>Stratiomys</i>), <i>Hoplitimyia</i> | 26.42 |
| <i>subcrassicalx</i> Enderlein, 1921, <i>Oplachantha</i> | 26.8 |
| <i>subcuprata</i> (Walker), 1854 (<i>Stratiomys</i>), <i>Odontomyia</i> | 26.44 |
| <i>subinterruptus</i> (Bellardi), 1859 (<i>Sargus</i>), <i>Merosargus</i> | 26.15 |
| <i>subobscurus</i> Lindner, 1969, <i>Merosargus</i> | 26.15 |
| <i>subpellucida</i> James and Wirth, 1967, <i>Hermetia</i> | 26.39 |
| <i>suleifrons</i> Curran, 1929, <i>Cyphomyia</i> | 26.28 |
| <i>superba</i> Brauer, 1882, <i>Amphilecta</i> | 26.36 |
| <i>superba</i> (Lindner), 1949 (<i>Pedicella</i>), <i>Himantoloba</i> | 26.10 |
| <i>superba</i> (Lindner), 1949 (<i>Pyelomyia</i>), <i>Psephiocera</i> | 26.58 |
| <i>supernitens</i> James, 1971, <i>Merosargus</i> | 26.16 |
| <i>superpietus</i> (Lindner), 1949 (<i>Hedriodiscina</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>Synaptochaeta</i> Lindner, 1964 | 26.59 |
| <i>syrrhoides</i> Macquart, 1838, <i>Basentidema</i> | 26.21 |
| <i>taeniatus</i> (Wiedemann), 1830 (<i>Sargus</i>), <i>Merosargus</i> | 26.16 |
| <i>Tana</i> Reed, 1888 | 26.3 |
| <i>tangens</i> James, 1971, <i>Merosargus</i> | 26.16 |
| <i>tarsalis</i> Gerstaecker, 1857, <i>Spyridopa</i> | 26.59 |
| <i>tau</i> Röder, 1886, <i>Rhingiopsis</i> | 26.45 |
| <i>taurus</i> James, 1943, <i>Analcocerus</i> | 26.20 |
| <i>teevani</i> Curran, 1934, <i>Hermetia</i> | 26.39 |
| <i>Tegocera</i> Lindner, 1964 | 26.59 |
| <i>telfordi</i> James, 1971, <i>Merosargus</i> | 26.16 |
| <i>tenebrifera</i> James, 1943, <i>Cyclophleps</i> | 26.21 |
| <i>tenebricosus</i> Lindner, 1929, <i>Merosargus</i> | 26.16 |
| <i>tenuicornis</i> Enderlein, 1921, <i>Mesomyza</i> | 26.3 |
| <i>tenuicornis</i> James, 1971, <i>Merosargus</i> | 26.16 |
| <i>tenuicornis</i> Lindner, 1949 (<i>Xenomorpha</i>), <i>Chiromyza</i> | 26.2 |
| <i>tenuis</i> Schiner, 1868, <i>Ptecticus</i> | 26.18 |
| <i>tenuistylus</i> Hanson, 1958, <i>Nemotelus</i> | 26.49 |
| <i>tenuiventris</i> (Bigot), 1879 (<i>Macrosargus</i>), <i>Sargus</i> | 26.20 |
| <i>terminalis</i> James, 1938, <i>Ptecticus</i> | 26.18 |
| <i>terminalis</i> James, 1971, <i>Merosargus</i> | 26.16 |
| <i>testaceus</i> (Fabricius), 1805 (<i>Sargus</i>), <i>Ptecticus</i> | 26.18 |



| | |
|--|-------|
| <i>texana</i> (Melander), 1904 (Sargus), <i>Cephalochrysa</i> | 26.9 |
| <i>thomae</i> Curran, 1928, <i>Nemotelus</i> | 26.49 |
| <i>Thopomyia</i> Kertész, 1916 | 26.59 |
| <i>thoracica</i> (Philippi), 1865 (Beris), <i>Maeromeracis</i> | 26.6 |
| <i>thoracicus</i> Macquart, 1835, <i>Sargus</i> | 26.20 |
| <i>tincta</i> (Walker), 1856 (<i>Chrysochlora</i>), <i>Aerochaeta</i> | 26.9 |
| <i>titschaki</i> Lindner, 1941, <i>Nemotelus</i> | 26.49 |
| <i>tomentosa</i> Gerstaecker, 1857, <i>Cyphomyia</i> | 26.28 |
| <i>tomentosa</i> Lindner, 1949, <i>Myiocavia</i> | 26.56 |
| <i>tortugellus</i> (Lindner), 1949 (<i>Hedriodiscina</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>transequa</i> Walker, 1856, <i>Nonaeris</i> | 26.3 |
| <i>transhansae</i> Lindner, 1931, <i>Rhaphiocera</i> | 26.23 |
| <i>transversus</i> McFadden, 1971, <i>Merosargus</i> | 26.16 |
| <i>tremoleranus</i> (Aldrich), 1928 (<i>Odontomyia</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>triangulatus</i> McFadden, 1971, <i>Merosargus</i> | 26.16 |
| <i>Trichocereocera</i> Lindner, 1928 | 26.36 |
| <i>trichonota</i> (Philippi), 1865 (Beris), <i>Beridops</i> | 26.5 |
| <i>tricolor</i> James, 1940, <i>Histiodyroma</i> | 26.22 |
| <i>tricolor</i> Loew, 1866, <i>Sargus</i> | 26.19 |
| <i>tricolor</i> Osten Sacken, 1886, <i>Euparyphus</i> | 26.31 |
| <i>tricolor</i> (Wiedemann), 1828 (Beris), <i>Oplachantha</i> | 26.8 |
| <i>Trigonocerina</i> Lindner, 1964 | 26.59 |
| <i>trinitatus</i> Melander, 1903, <i>Nemotelus</i> | 26.48 |
| <i>tripartitis</i> , error, <i>Merosargus</i> | 26.16 |
| <i>tripartitus</i> James, 1971, <i>Merosargus</i> | 26.16 |
| <i>tristis</i> Enderlein, <i>Oplachantha</i> | 26.8 |
| <i>tristis</i> Loew, 1855, <i>Merosargus</i> | 26.16 |
| <i>tristrigata</i> (Enderlein), 1921 (<i>Xenomorpha</i>), <i>Chiromyza</i> | 26.2 |
| <i>tritacniatus</i> (Bellardi), 1859 (<i>Odonthomyia</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>tritacniatus</i> Lindner, 1929, <i>Merosargus</i> | 26.16 |
| <i>trivittatus</i> Say of Giglio-Tos, 1891, <i>Ptceticus</i> | 26.17 |
| <i>trivittatus</i> (Say), 1829 (<i>Stratiomys</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>truquii</i> (Bellardi), 1859 (<i>Odonthomyia</i>), <i>Hedriodiscus</i> | 26.41 |
| <i>turacellus</i> (Lindner), 1949 (<i>Hedriodiscina</i>), <i>Hedriodiscus</i> | 26.41 |
| | |
| <i>Udamacantha</i> Enderlein, 1914 | 26.42 |
| <i>unicolor</i> Authors, <i>Nemotelus</i> | 26.89 |
| <i>unicolor</i> (Walker), 1854 (<i>Clitellaria</i>), <i>Cyphomyia</i> | 26.28 |
| | |
| <i>valdiviana</i> (Philippi), 1865 (<i>Cyanauges</i>), <i>Antissa</i> | 26.24 |
| <i>valdiviana</i> (Rondani), 1863 (<i>Oplachantha</i>), <i>Antissa</i> | 26.24 |
| <i>vanderwulpiana</i> Brèthes, 1907, <i>Odontomyia</i> | 26.44 |
| <i>varia</i> (Curran), 1929 (<i>Chrysochlora</i>), <i>Chrysochlorina</i> | 26.35 |
| <i>variabilis</i> (Gmelin), 1790 (<i>Musca</i>), <i>Hoplitimyia</i> | 26.42 |
| <i>variabilis</i> Hanson, 1958, <i>Nemotelus</i> | 26.49 |
| <i>variabilis</i> (Loew), 1847 (<i>Chauna</i>), <i>Neochauna</i> | 26.56 |
| <i>varicornis</i> James, 1971, <i>Merosargus</i> | 26.16 |
| <i>varocerus</i> James, 1971, <i>Merosargus</i> | 26.16 |
| <i>variipennis</i> , emendation or error, <i>Hermetia</i> | 26.39 |
| <i>variipennis</i> Bigot, 1879, <i>Hermetia</i> | 26.39 |
| <i>varipes</i> Gerstaecker, 1857, <i>Cyphomyia</i> | 26.28 |
| <i>velutina</i> Bigot, 1879, <i>Stratiomys</i> | 26.46 |
| <i>ventralis</i> McFadden, 1971, <i>Merosargus</i> | 26.16 |

| | |
|--|-------|
| venustula (Lindner), 1936 (Chrysochroma), Himantoloba | 26.10 |
| versicolor Bellardi, 1962, Sargus | 26.20 |
| vertebratus James, 1971, Merosargus | 26.16 |
| vertebratus (Say), 1824 (Odontomyia), Hedriodiscus | 26.42 |
| verticalis Gerstaecker, 1857, Cyphomyia | 26.28 |
| vespertilio (Fabricius), 1805 (Sargus), Chrysochlorina | 26.35 |
| vespiformis Lindner, 1969, Auloceromyia | 26.20 |
| vicina Macquart, 1834, Odontomyia | 26.44 |
| villosa James, 1939, Eupachygaster | 26.54 |
| villosa (Lindner), 1969 (Exodontha), Antissa | 26.24 |
| violacea Macquart, 1855, Cyphomyia | 26.28 |
| violaceiventris Enderlein, 1921, Heteracanthla | 26.6 |
| violaceus Jaennicke, 1867, Sargus | 26.20 |
| virens Wiedemann, 1830, Stratiomys | 26.46 |
| virgata Lindner, 1949, Hermetia | 26.39 |
| virgata Lindner, 1969, Chloromelas | 26.40 |
| viridata Enderlein, 1921, Oplacantha | 26.8 |
| viridis (Bellardi), 1859 (Odonthomyia), Labostigmina | 26.43 |
| viridis Bezzi, 1922, Chlomyza | 26.2 |
| viridis Hine, 1911, Nothomyia | 26.47 |
| viridis McFadden, 1971, Merosargus | 26.16 |
| viridiventris Philippi, 1865, Beris | 26.5 |
| vitrisetosus (Lindner), 1935 (Eidalinus), Pareidalinus | 26.57 |
| vittata Macquart, 1850, Odontomyia | 26.44 |
| vittata Walker, 1856, Promeranisa | 26.45 |
| vittata Wiedemann, 1820, Chironomyza | 26.2 |
| vittata Wulp, 1881 (Lasiopa) | 26.29 |
| Vittiger Kertész, 1909 | 26.59 |
| | |
| weyrauchi Lindner, 1951, Adoxomyia | 26.30 |
| wheeleri Melander, 1803, Nemotelus | 26.48 |
| wiedemanni Gerstaecker, 1857, Cyphomyia | 26.28 |
| willistoni (Curran), 1929 (Chrysochlora), Chrysochlorina | 26.35 |
| willistoni (Enderlein), 1914 (Gyneuryparia), Cyphomyia | 26.28 |
| wirthli James, 1967, Pachygaster | 26.56 |
| | |
| xanthobasis James, 1940, Cyphomyia | 26.28 |
| Xenomorpha Macquart, 1838 | 26.2 |
| | |
| ypsilon James, 1940, Cyphomyia | 26.28 |
| | |
| Zabrachia Coquillett, 1901 | 26.60 |
| zernyi Lindner, 1929, Cyphomyia | 26.28 |
| zeteki James, 1971, Merosargus | 26.16 |
| zikani Lindner, 1935, Rhaphiocera | 26.23 |
| zonata Lindner, 1935, Anopisthocerania | 26.39 |
| Zuercheria Lindner, 1926 | 26.46 |
| zurstrasseni Lindner, 1933, Platylabium | 26.58 |





DEPARTAMENTO DE ZOOLOGIA, SECRETARIA DA AGRICULTURA, SÃO PAULO

A CATALOGUE OF THE DIPTERA OF THE AMERICAS
SOUTH OF THE UNITED STATES

27

FAMILY PELECORHYNCHIDAE

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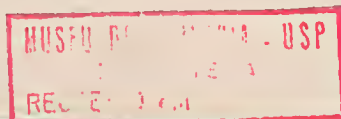
Neotropical species, which have been recorded only from Chile, have earlier been catalogued (e. g. Kröber, 1934) in the family Tabanidae under the genus *Coemura* Bigot, monotypic for *C. longicauda* Bigot. As Mackerras (1955) has reaffirmed, the species should be transferred to the genus *Pelecorhynchus* Macquart for which he and Fuller (1942) erected the present family for this holantaretic group of flies, though only the genus was used by Stuardo Ortiz (1946) in his catalogue of Chilean Diptera. Enderlein (1922, 1925) had previously proposed a subfamily Pelecorhynchinae for this group of flies, which is presently tenable in view of the correlative Nearctic subfamily Bequaertomyiinae Phillip (1965). The Family is phylogenetically a primitive one as most recently attested by Hennig (1966).

The Neotropical members of the family Pelecorhynchidae share with antipodean species a distinctive, compact group of adult characters, as quoted from Mackerras & Fuller (1942), and substantiated by larval and pupal characters:

"*Adult.* — Robust, ornate flies. Antennae subulate, porrect; third segment with eight clearly defined annuli. Thorax (and head) with long silky hairs, forming conspicuous tufts. Tibial spurs present. Wings with C continuous round margin; Rs long; cell R₁ wide, of medium length; M 4-branched; cell Cu₁ open, vein 1A sinuous; alulae developed. Ante-squame small, with a conspicuous tuft; squame very small or absent; when present it is attached only at extreme lateral end of squamal ridge. Abdomen with segments 1 to 4 normal, remainder tubular, telescopic, very extensible. Male hypopygium prominent; aedeagus with separated elements. Female with two-segmented cerci."

According to these authors, the Chilean species are not morphologically distinct from the Australian *fusciger* group which is differentiated only by tinctorial characters as confirmed in comparative study by the author. Although plant pollen has not been seen on Chilean specimens, meager reports indicate that flower visitation by adults has

27.1



been observed similar to habits reported for Australian species. Hematophagous proclivity has not been noted in either region. Distribution below, additional to the type-locality, is provided by provinces in Chile. The types of all but *P. kroeberi* (Lind.) have been seen by the author.

Subfamily PELECORHYNCHINAE

Genus PELECORHYNCHIUS Macquart

PELECORHYNCHIUS Macquart, 1850:332 (sep., p. 28). Type-species, *maculipennis* Macquart (mon.) = *personatus* (Walker).

Coenura Bigot, 1857:286. Type-species, *longicauda* Bigot (mon.).

Cacnopnygna Thomson, 1869:449 (*Cacnopnyga* (sic) of authors). Type-species, *maculipennis* Thomson (mon.) = *personatus* (Walker).

ELEGANS (Philippi), 1865:727 (*Coenura*). Type-locality: Chile, "prope Llico". Distr. — Chile (Maule, Concepción, Malleco, Colchagua, Llico, Nahuelbuta, "Blico" [Llico?]). Type ♂, fragments now in Santiago Nat. Hist. Mus.

var. BIGUTTATUS (Philippi), 1865:726 (*Coenura*, as species). Type-locality: Chile, Valdivia. Distr. — Chile (Valdivia, Chiloe, Angol, Llanquihue, Santo Domingo, "Futa"). Type? ♀, fragments now in Santiago Nat. Hist. Mus. NEW STATUS.

albopunctata Schiner, 1868:77 (*Coenura*). Type-locality: "Chile". Type ♂, Vienna Nat. Hist. Mus.

darwini Ricardo, 1900:102. Type-locality: Chile, Chiloe, "S.W. coast of South America". Type ♀, in British Museum (Natural History).

KROEBERI (Lindner), 1925:23 (*Coenura*). Type-locality: Chile, Magallanes, Punta Arenas. Distr. — Chile (Magallanes). Type ♀, destroyed in Hamburg.

LONGICAUDA (Bigot), 1857:287 (*Coenura*). Type-locality: "Chile". Distr. — Chile (Angol, Bío Bío, Nahuelbuta, Arauco, Colchagua). Type ♀, loc.?

PENAI Peechuman, 1967:554. Type-locality: Chile, Arauca. Other distr. — Chiloe.

VULPES (Macquart), 1850:23 (*Pangonia*). Type-locality: "Chile". Distr. — Chile (Concepción, Valdivia, Coquimbo, Angol). Type ♂, Paris Mus.

aurantiacus Ricardo, 1900:103. Type-locality: "Chile". Type ♀, British Museum (Natural History).

NANTHOPLEURA (Philippi), 1865:726 (*Coenura*). Type-locality: Chile, Valdivia. Distr. — Chile (Valdivia, Chiloe, Cautín, Ñuble). Type ♀, Santiago Nat. Hist. Mus.

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INDEX

| | |
|--|------|
| <i>albopunctata</i> (Schiner), 1868 (Coenura), Pelecorhynchus | 27.2 |
| <i>aurantiacus</i> Ricardo, 1900, Pelecorhynchus | 27.2 |
| <i>biguttatus</i> (Philippi), 1865 (Coenura), Pelecorhynchus var. | 27.2 |
| <i>Caenopnyga</i> , error for <i>Caenopgygna</i> , q.v. | 27.2 |
| <i>Caenopnygna</i> Thompson, 1869 | 27.2 |
| <i>Coenura</i> Bigot, 1857 | 27.2 |
| <i>darwini</i> Ricardo, 1900, Pelecorhynchus | 27.2 |
| <i>elegans</i> (Philippi), 1865 (Coenura), Pelecorhynchus | 27.2 |
| <i>kroeberi</i> (Lindner), 1925 (Coenura), Pelecorhynchus | 27.2 |
| <i>longicauda</i> (Bigot), 1857 (Coenura), Pelecorhynchus | 27.2 |
| Pelecorhynchinae | 27.2 |
| Pelecorhynchus Macquart, 1850 | 27.2 |
| <i>penai</i> Pechuman, 1967, Pelecorhynchus | 27.2 |
| <i>vulpes</i> (Macquart), 1850 (Pangonia), Pelecorhynchus | 27.2 |
| <i>xanthopleura</i> (Philippi), 1865 (Coenura), Pelecorhynchus | 27.2 |





